

おりがみはうす ガレージブックシリーズ 7
**西川誠司
作品集**

Works of
Seiji Nishikawa

西川誠司・著

山口 真・編 立石浩一・英訳

Model Designer : Seiji Nishikawa

Editor : Makoto Yamaguchi

Translator : Koichi Tateishi



ドラゴン / Dragon (P.28)



魔女 / Witch (P.10)



マーメイド / Mermaid (P.16)



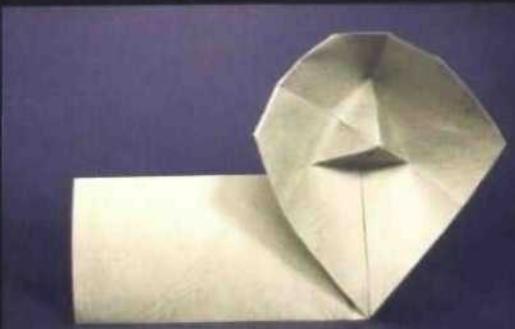
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ペガサス / Pegasus (P.21)



カニ / Crab (P.142)



シンプルライオン / A Simple Lion (P.120)



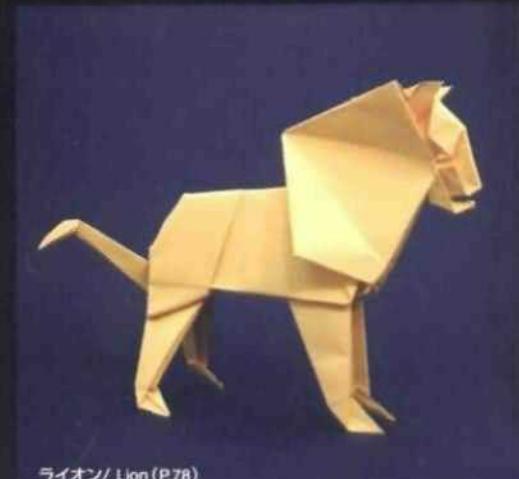
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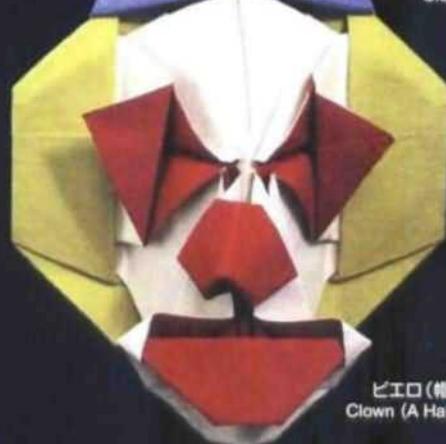
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天体望遠鏡 / Telescope (P.157)



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まえがき Foreword

本書に収載した作品はその創作年が1977年から1998年と20年以上にわたっています。この約20年間というのは、私にとって折り紙を通じて本当にかけがえのない体験を重ねた充実した年月です。この間に作品に何らかの進歩が見受けられるかどうかは別にして、こうしてあらためて気に入った作品を眺めてみるとそれぞれに思い出があって感慨無量です。作品は動物、空想上の生き物、宇宙などのテーマを中心に選んでいます。おりがみはうす刊の「折紙図鑑・昆虫I」（川畠文昭・西川誠司共著）の昆虫作品と併せて楽しんでいただけると幸いです。

ところで、自作を眺めて大きく2つの傾向に気がつきました。ひとつはインサイドアウト作品が多いことです。表裏を上手く活用することに关心を向けるこの技法は、近代折り紙の重要な特徴ではないでしょうか。この技法なしに作品作りがほとんど成立しない自分を再認識しました。もう一つは折り出しの感覚を重視している点です。本書に収載のカニ、キリン、ライオン、パンダ（胴体）など、折り出しの非常に早い段階の形に魅力を感じて折り進めていることをハッキリと思い出しが出来ます。

折り紙の魅力にとりつかれてからすでに30年以上の月日を数えますが、自分の作品だけで一冊の本を作ることが出来るのは、考えてみれば何という幸運でしょう。紙を手にしてあれこれ折って何か新しい形を作り出ることと、それを折り図（しかも多くの人が十分再現可能なステップに細分化して）に仕上げることの間には大きな隔たりがあります。作品と折り図が有っても、それを出版物に出来るかどうかというところにも大変な隔たりがあります。本書は、作品：西川誠司、作図：おりがみはうす、編集：山口真さん、というように、本作りの一番大変なところを、山口真さんとおりがみはうすのスタッフの皆さんの尽力に依っています。本書の制作を決断下さった山口さんをはじめ、折図、校正、英訳など制作にご協力戴いた方々には、感謝の言葉も見つかりません。そして、本書を手にしていたい折り紙ファンの皆さんにも心から感謝いたします。

This book contains origami works I created in twenty-two years (1977-1998). This period represents my full life as an origami artist. All models bring me some good memories, so they are like a part of myself. Among works in that period, insects were already published in *Origami Insects* (co-authored by Fumiaki Kawahata and Seiji Nishikawa, Origami House), so this book and the insect book are complementary to each other.

From the creator's point of view, works in this book are notable in two points. First, so many inside-out works are included. The inside-out method using a sheet of paper colored differently on the two sides is one of the significant characteristics of modern origami. I myself would have a hard time if I did not use the inside-out method. Secondly, the flavor of my works are revealed in the very early steps of folding. For example, the basic skeletal shapes of many works (like Crab, Giraffe, Lion, and Panda) can be already grasped after only a few steps at the beginning. Perhaps the early steps and outputs are one of the most attractive parts of creation of origami works for me.

This is the first book which contains only origami works of mine. However, creating a book cannot in any sense be my sole work. The staff members of the Gallery Origami House, especially Mr. Makoto Yamaguchi who took responsibility of all the editorial work, did a marvelous job of putting my works into one printed book. I would like to express my gratitude to them first of all. It is also true that a book of this kind cannot be possible without origami enthusiasts all over the world, so I would like to thank them as well.

西川 誠司
Seiji Nishikawa

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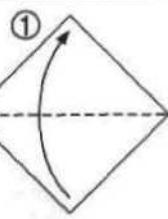
折り図記号 Symbols for Folding

折り線の種類 Types of crease lines

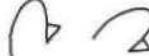
谷折り線 Valley fold



谷折り
Valley fold

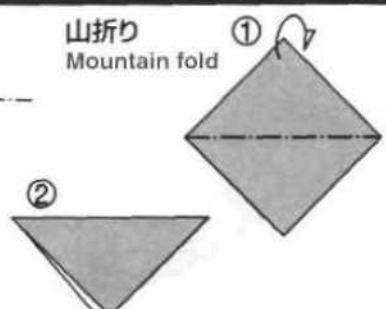


山折り線
Mountain fold



後ろへ折る
Fold paper backwards

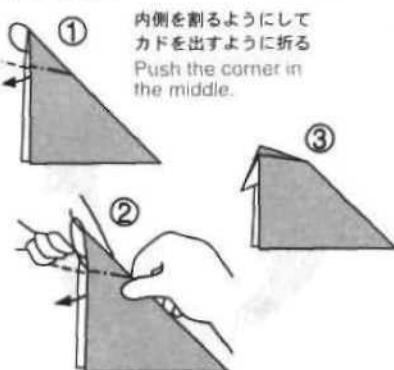
山折り
Mountain fold



折り方の技法 Basic Folding Skills

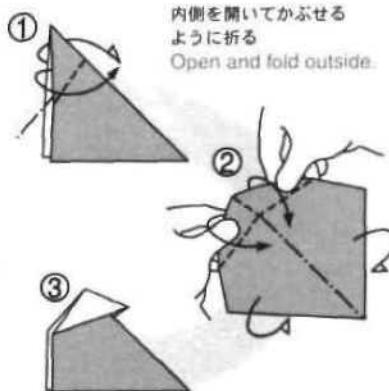
中わり折り Inside-reverse fold

内側を割るようにして
カドを出すように折る
Push the corner in the middle.



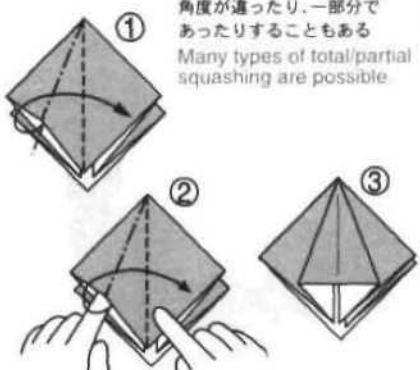
かぶせ折り Outside-reverse fold

内側を開いてかぶせる
ようすに折る
Open and fold outside.



内側をひろげてつぶすように折る
Squash fold

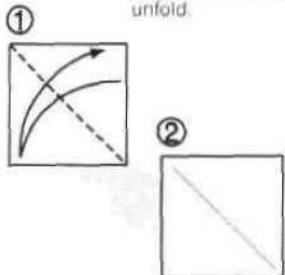
角度が違ったり、一部分で
あつたりすることもある
Many types of total/partial
squashing are possible



いろいろな記号 Symbols

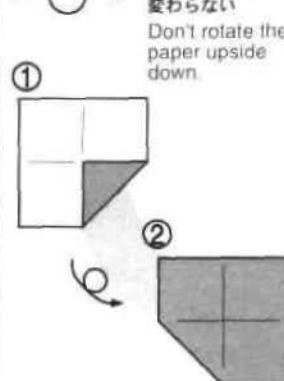
折り筋をつける
Making a crease line

一度折ってから戻して
折り筋をつける
Fold and mark a
crease line, then
unfold.



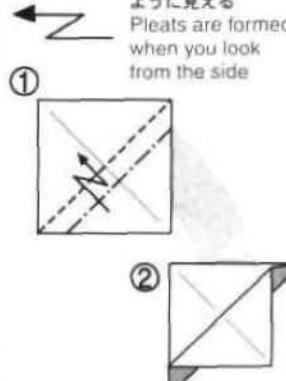
裏返す Turn paper over

おりがみを裏返す
上下の位置は
変わらない
Don't rotate the
paper upside
down.

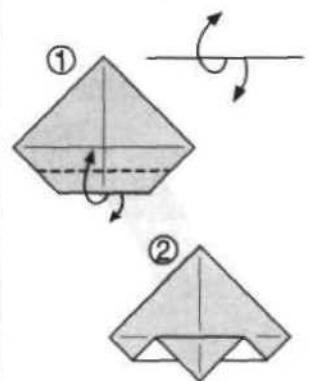


段折り Pleat fold

横から見ると
段になっている
よう見える
Pleats are formed
when you look
from the side



下の部分を出すように折る
Release bottom flap
when making a fold



次の図が
大きくなる
A magnified view



仮想線・透視線
A hidden line

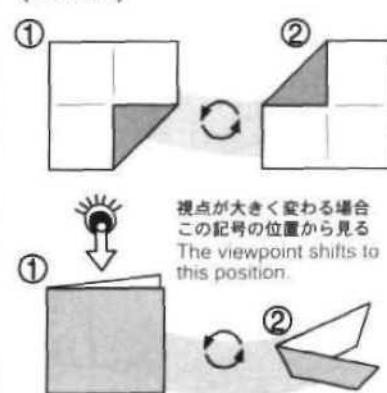
ひろげる Open up



○と○を
合わせて折る
Match circled points



次の図の見る位置が変わる
Paper position changes
(rotation)

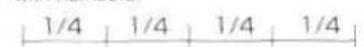


等分記号 Division

長さの等分 Dividing the length



数字で表す場合もある
The ratio is often represented
with numbers.



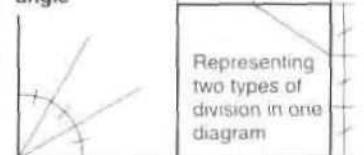
押す・つぶす
Push paper in



角度の等分
Dividing the angle



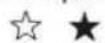
1つの図で2種類の
等分を表す場合



引き出す
Pull out



注意するところ
Marked points

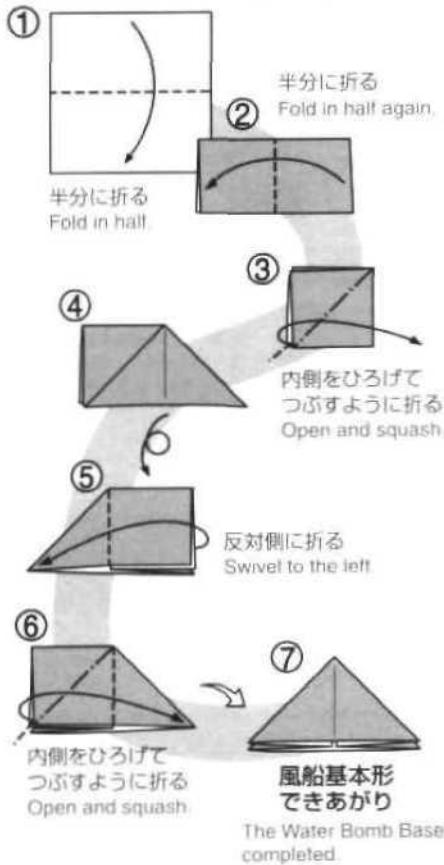


基本形／沈め折り

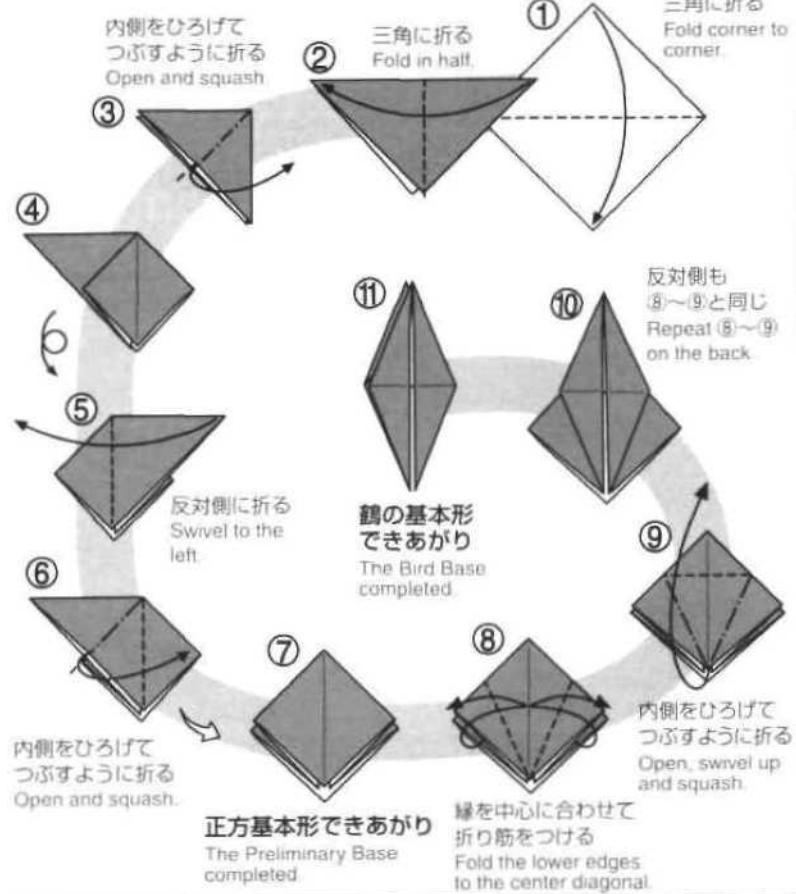
Preliminary Bases and Sink

基本形 Preliminary bases

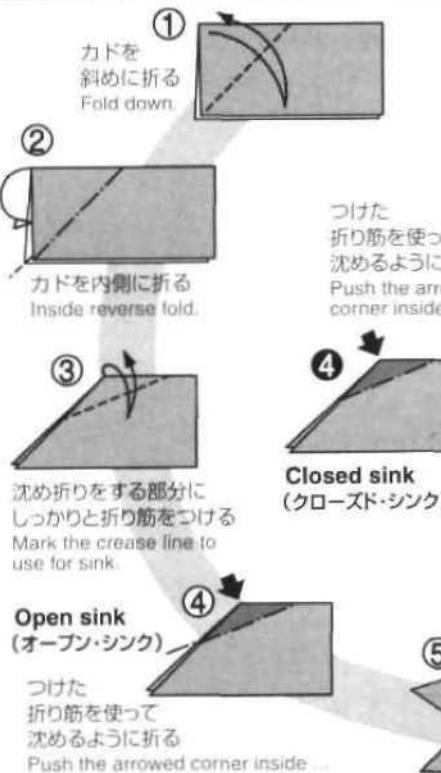
風船基本形 Water Bomb Base



正方基本形と鶴の基本形 Preliminary Base / Bird Base



沈め折り Open sink / Closed sink



西川誠司作品集

西川誠司 著

山口 真 編／立石浩一 英訳



Works of Seiji Nishikawa

Model Designer : Seiji Nishikawa

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Translator : Koichi Tateishi

魔女

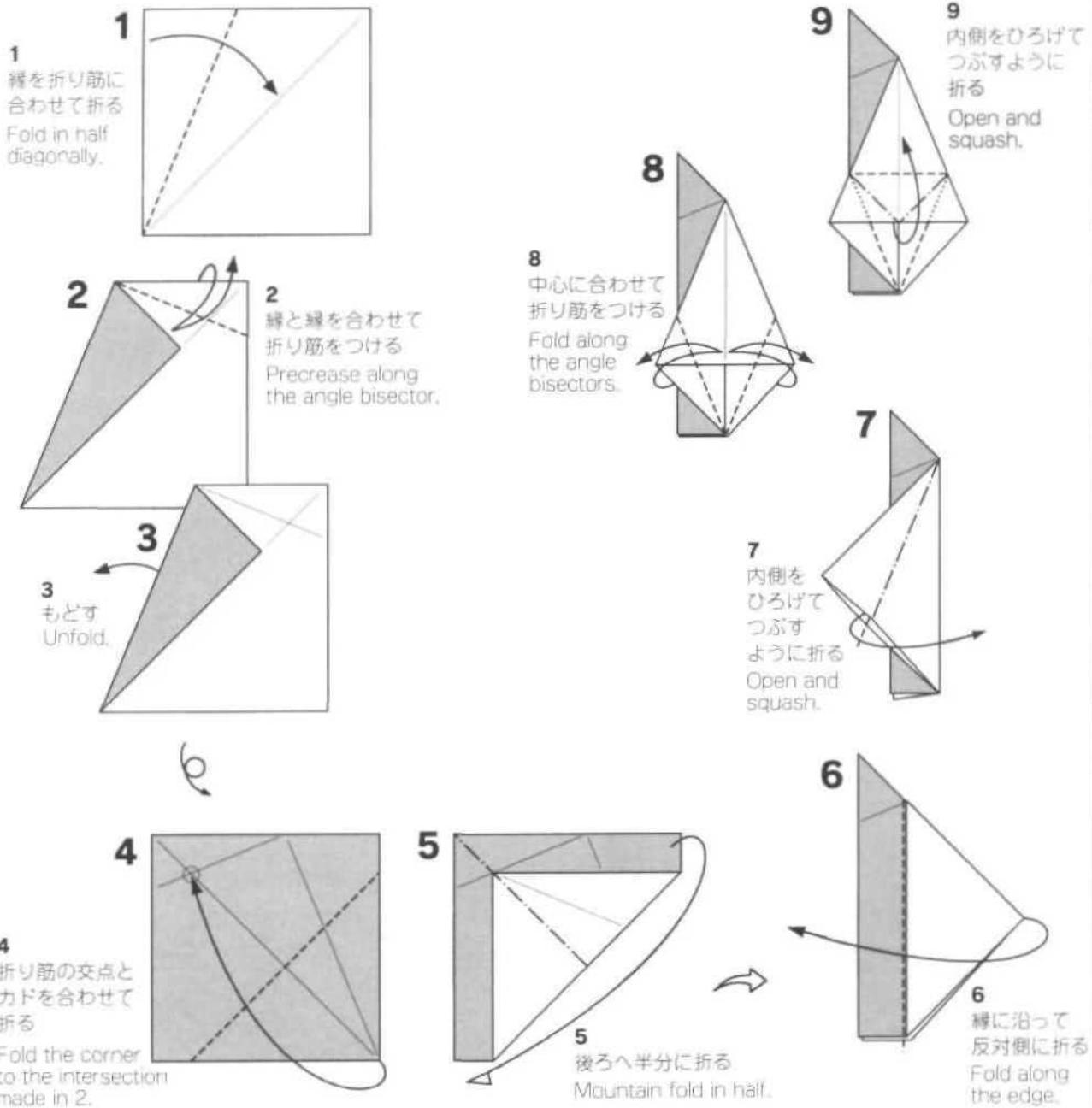
Witch

大きな袖をデザインの特徴にしました。鷺鼻を作れば、自然と“魔女顔”となります。ちょっと凝って頬を分離させたのが顔のシルエットをはっきりさせる大事なポイントになっていると思います。杖など持たせると更にそれらしくなります。

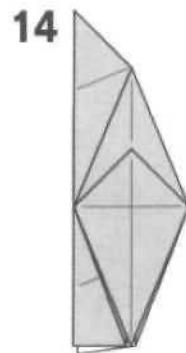
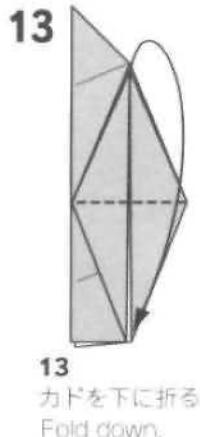
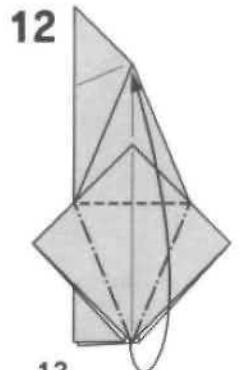
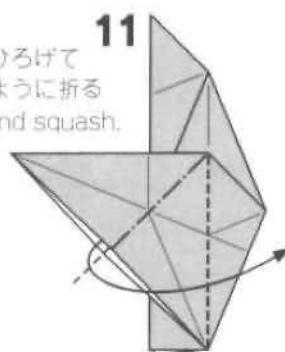
The wide sleeves and the detached jaw, not speaking of the hooked nose, make this work witchlike. Let her hold a staff for a better result.



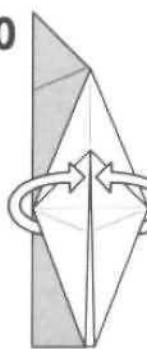
Created 1991 Paper 不切正方一枚折り: 1 piece



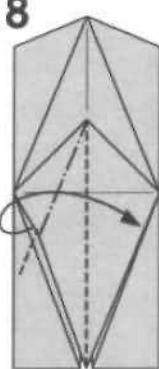
11
内側をひろげて
つぶすように折る
Open and squash.

**10**

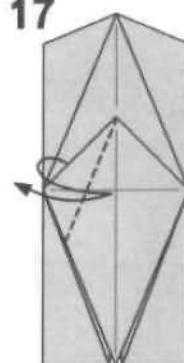
10
紙の裏が
出ている部分を
はがすようにして
ひろげる
Detach the white
layer from the
inner layer.

**18**

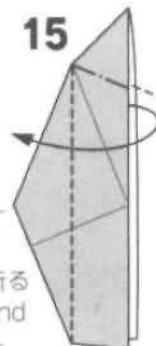
18
内側を
ひろげて
つぶす
ように折る
Open and
squash.

**17**

17
縁を中心に合わせて
折り筋をつける
Fold along the
angle bisector.

**16**

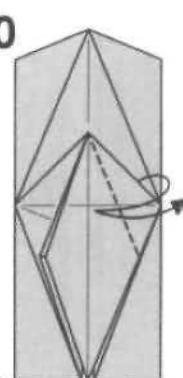
15
内側を
ひろげて
つぶす
ように折る
Open and
squash.

**15****19**

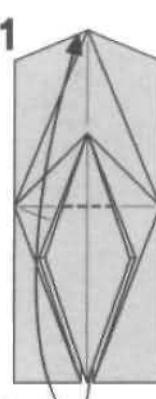
19
カドを反対側に折る
Fold one layer to the left.

**20**

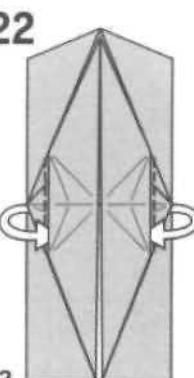
20
反対側も17~19と同じ
Repeat 17~19 on
the right side.

**21**

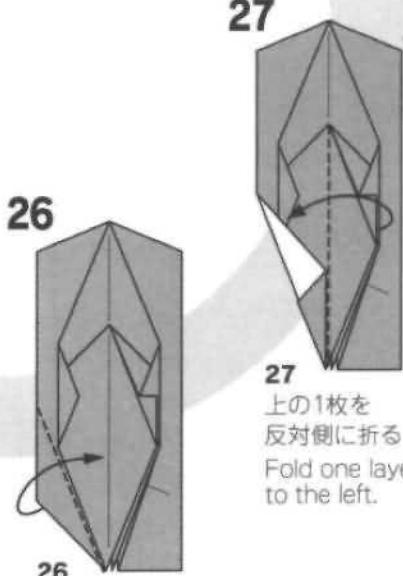
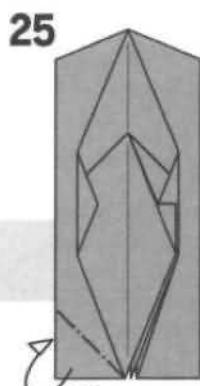
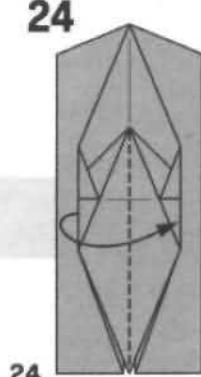
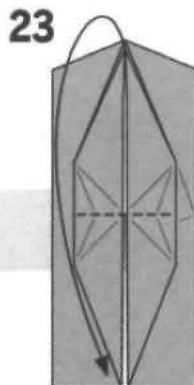
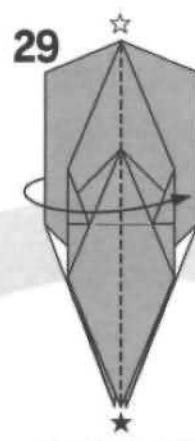
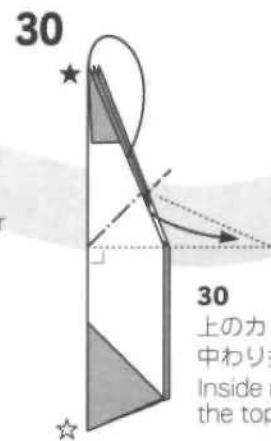
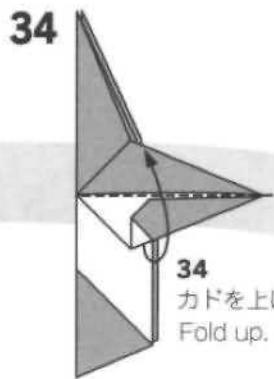
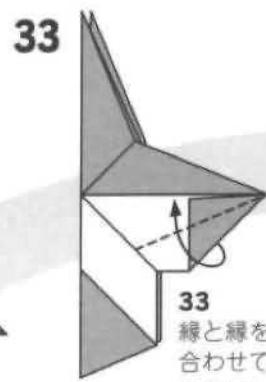
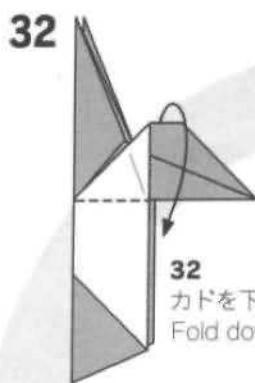
21
カドを
ひらくところで上に折る
Fold up and open
inner folded layers.

**22**

22
上の縁のところで
カドを内側に折る
Fold inside along the
edges on the top.



1 ファンタジー／魔女

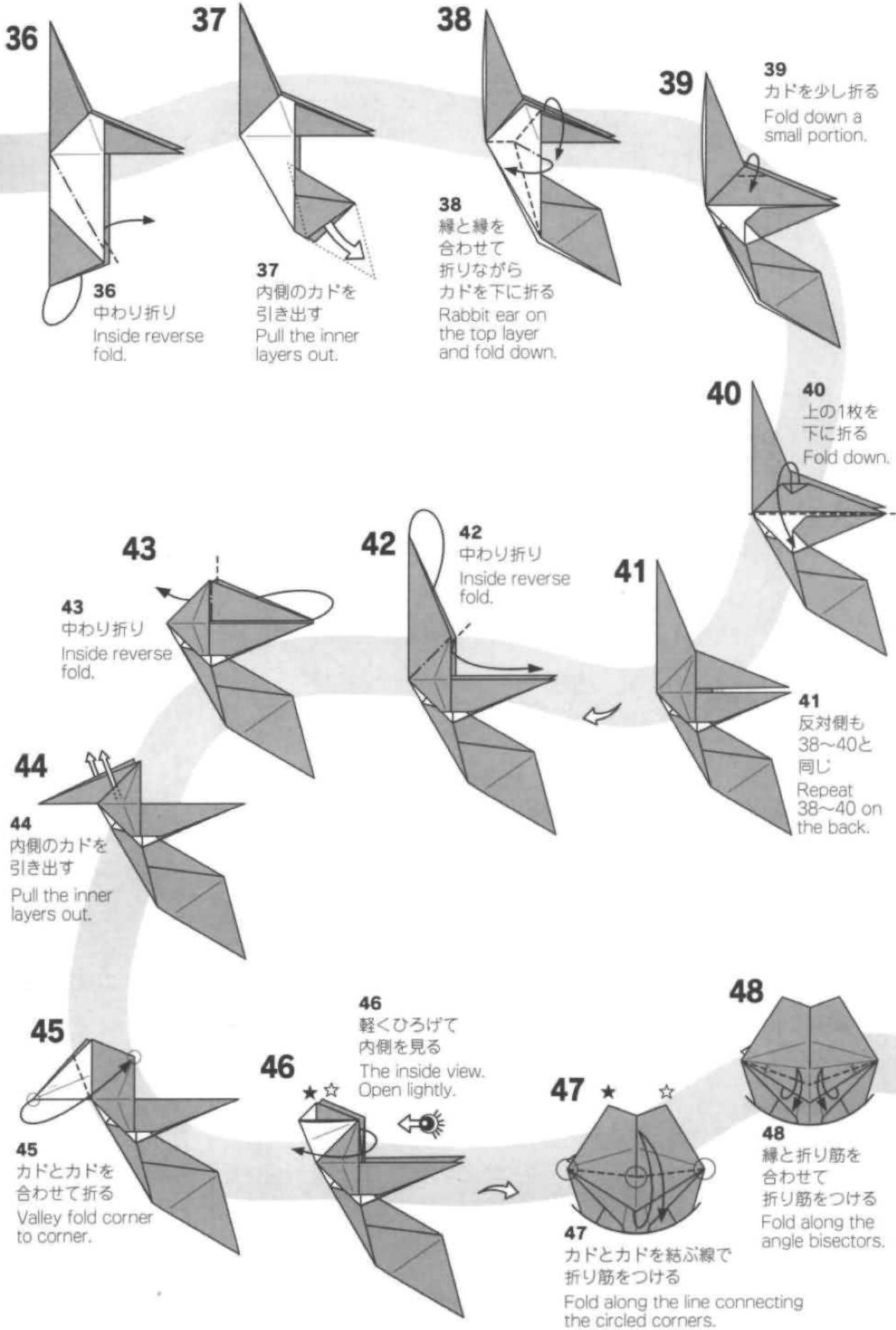


23 カドを下に折る
Fold down.

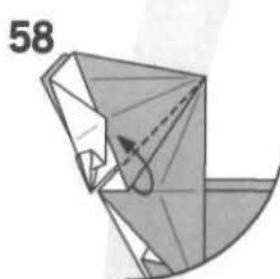
24 上の1枚を反対側に折る
Fold one layer to
the right.

25 縁と縁を合わせて
カドを後ろへ折る
Mountain fold to
the center.

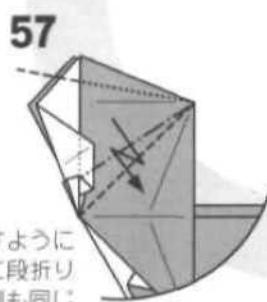
26 縁を中心に合わせて折る
Fold along the edge.



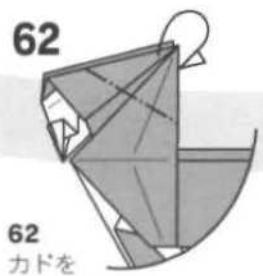
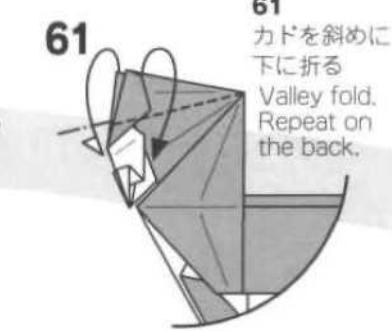
1 ファンタジー／魔女



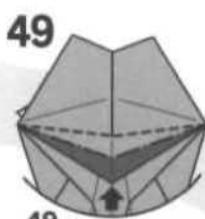
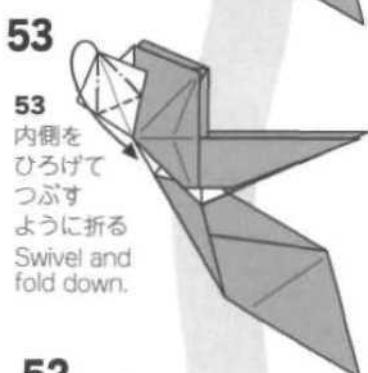
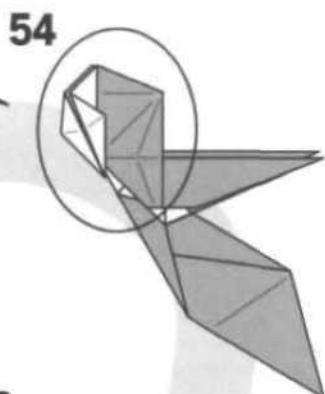
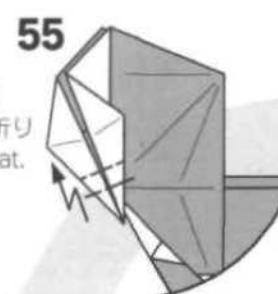
58
カドを反対側に折る
反対側も同じ
Valley fold.
Repeat on the back.



57
ずらすように
斜めに段折り
反対側も同じ
Pleat down the
colored layer.
Repeat on the back.



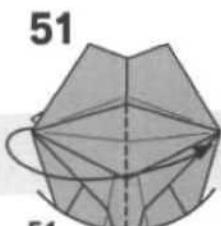
62
カドを
内側に折る
反対側も同じ
Mountain fold.
Repeat on the back.



49
内側をひろげて
■の部分を
つぶして
平らにする
Squash the
darkened part.



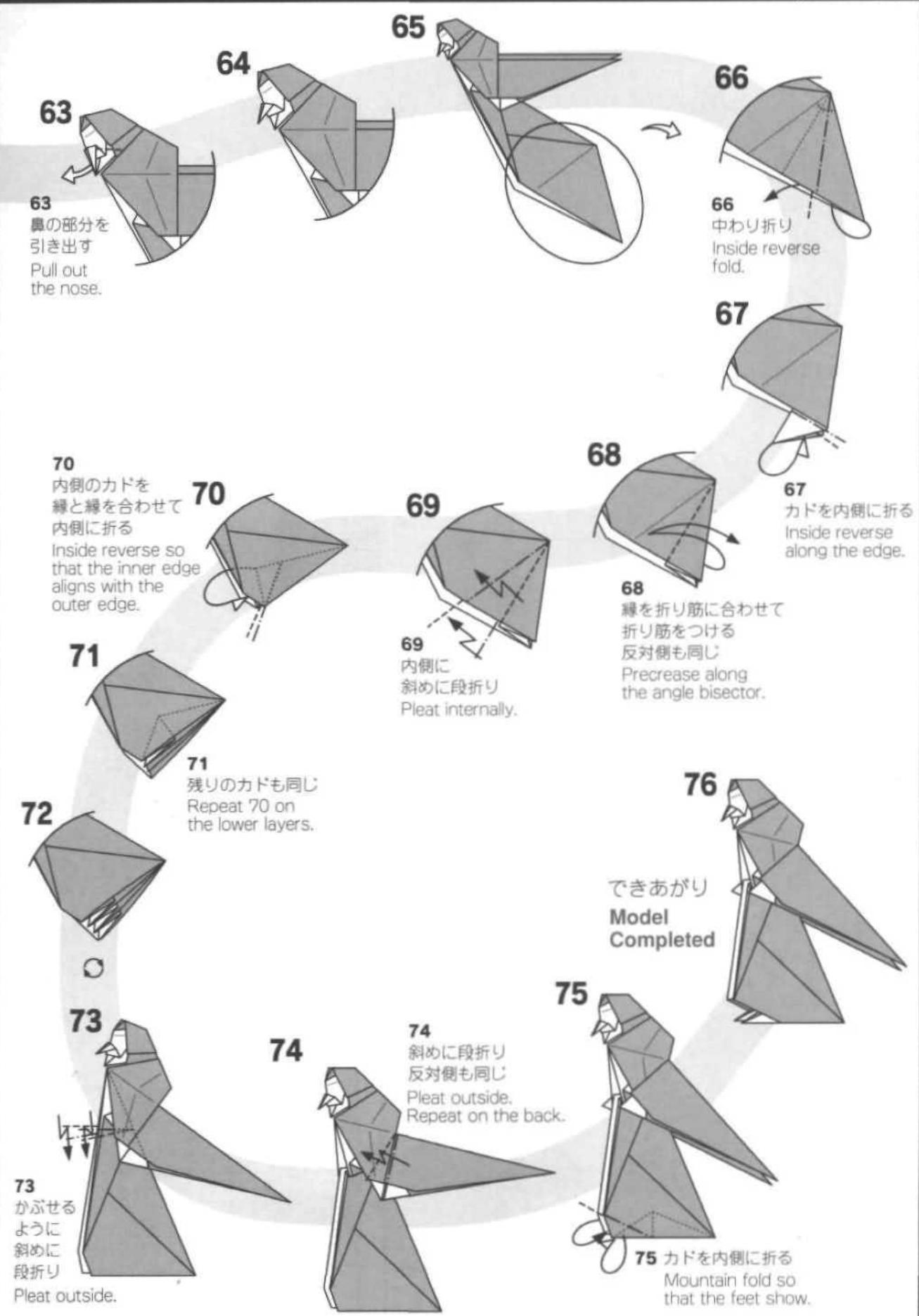
50 途中の図
Squashing...



51
カドを戻す
Squashed.
Close the opening back.



52
内側を
ひろげて
つぶすように折る
Open and squash.



マーメイド

Mermaid

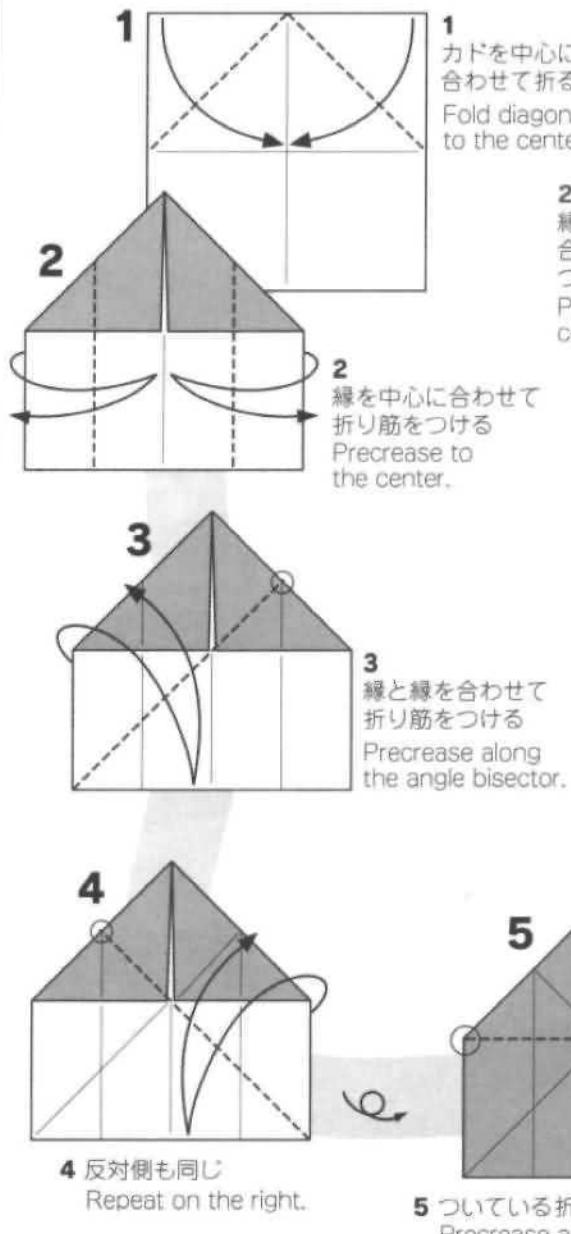
人魚の髪が水中で腕にからみつくようになびく。頭の中で“これしかない!”と思った形が、実際に手の中に現れたときの感動が忘れられません。構造が理解できれば2:3の長方形から1枚折りで試してみてください。小さく折ると結構かわいいですよ。

With her hair beautifully streamed in the sea current, this is the image of a mermaid I have in mind. You can try folding it from one 2:3 sheet of paper.

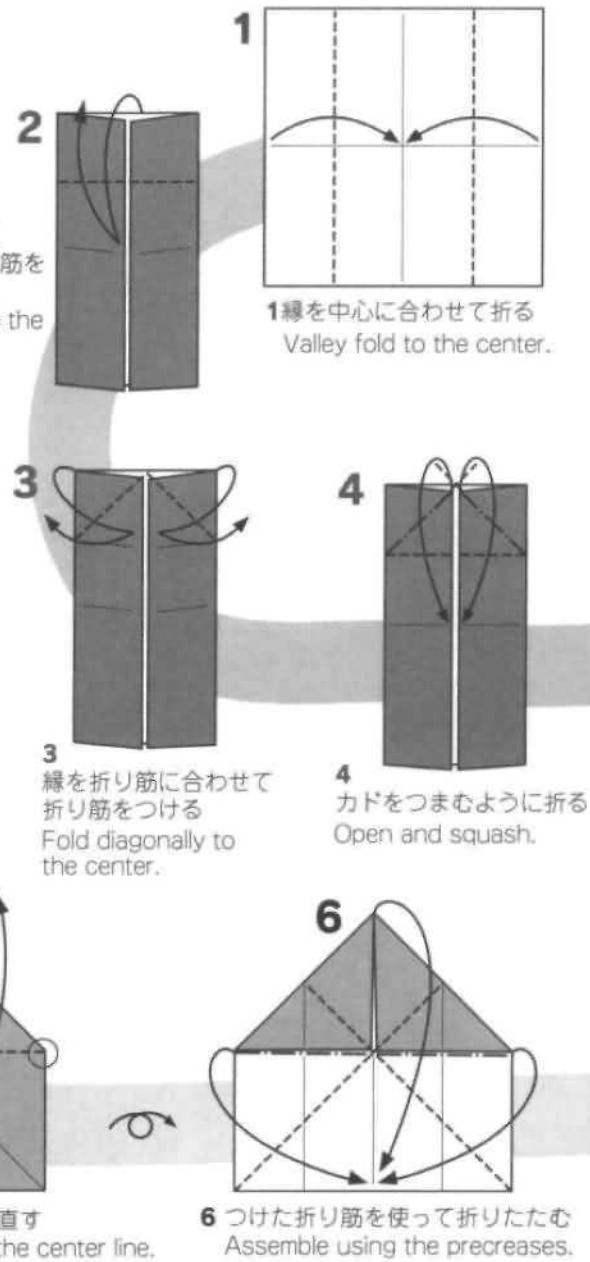


Created 1984 Paper 複合作品・2枚 : 2 pieces

[上半身] Upper Part of the Body

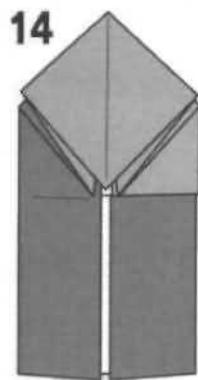


[下半身] Lower Part of the Body

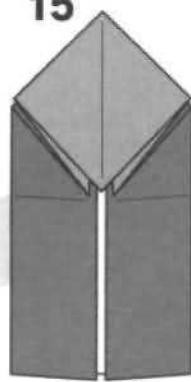


14

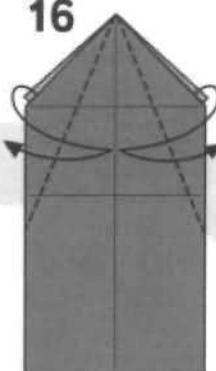
反対側も同じように
差し込んで組み合わせる
Repeat on the right.



15



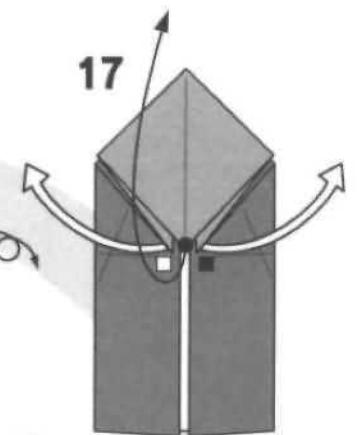
16



16

縁を中心に行わせて
折り筋をつける
Fold along the angle
bisectors.

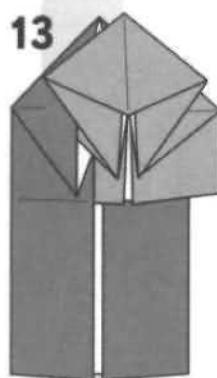
17



17

内側をひろげ●のカドを
後ろに倒すようにして折りたたむ
Pull up the top layer and
open the two hidden corners.

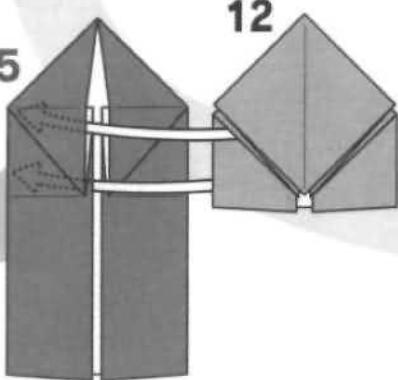
13



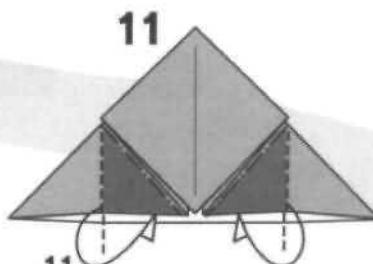
13

途中の図
Inserting...

5



12



11

■の部分を内側に折る
Mountain fold the darkened
parts so that the corners
are squashed.

5

下半身のすき間に上半身を差し込む
Insert the bottom two layers on the
left of the upper body into the
corresponding two pockets of the
lower body.

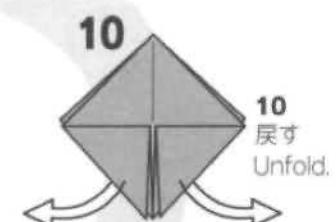
18



18

途中の図
カドを後ろに倒し□と■の
カドを元の位置に戻す
Outside reverse the top
layer and swivel the top
corner, and then fold
back the rest.

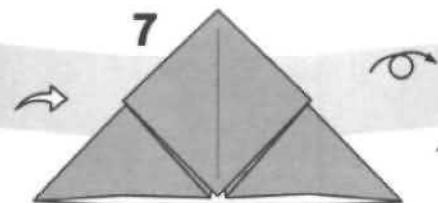
10



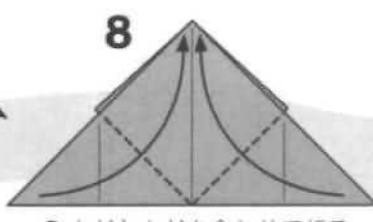
10

戻す
Unfold.

7

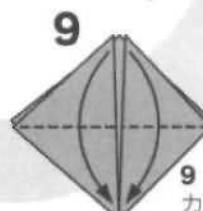


8



8 カドとカドを合わせて折る
Fold corner to corner.

9



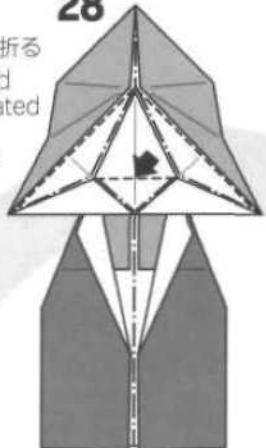
カドとカドを合わせて折る
Fold down to the bottom
corner.

1 ファンタジー／マーメイド

28

矢印の部分を
押し込むようにして折る
Push and valley fold
along the line indicated
by an arrow, while
making a white bird
base around.

28



29

途中の図

Fold the white
bird base up
in half.

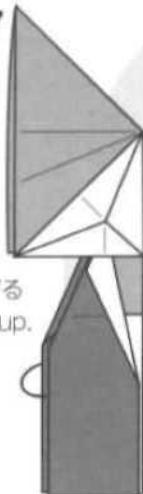
30

30

カドを内側に折る
Inside reverse fold.

27

ひろげる
Open up.



26

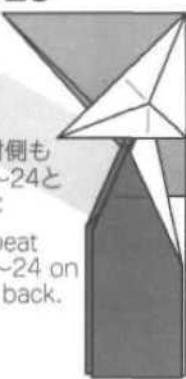
カドを引き上げる
ようにして内側の
部分を引き出す
Pull out the hidden
layers.

26



25

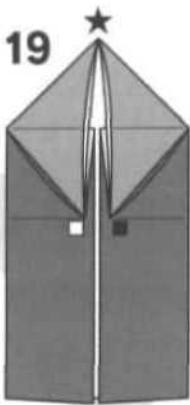
反対側も
23~24と
同じ
Repeat
23~24 on
the back.



24

この部分は
内側だけ折る
Fold the inner
layer so that
the short edge
on the right
aligns with
the long edge
on the left.

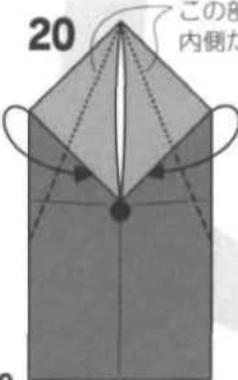
19



6

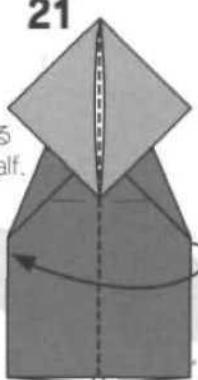
この部分は
内側だけ折る

20



21

半分に折る
Fold in half.



22

内側のカドを
引き出す
Pull out the
inner layer.

22



23

縁を折り筋に
合わせて折る
このとき
持ち上がって
くる部分をつぶす
ように折る
Valley fold along
the hidden edge
while squashing
the hidden layer.

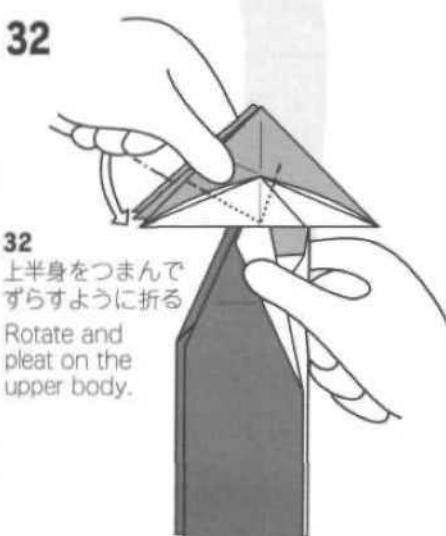


20

カドを中心
に合わせて折る
Fold only inner layers to
the center.



31
カドを少し折る
反対側も同じ
Fold up the inner
layer a little.
Repeat on the back.
この部分は
内側だけ
折る



32
上半身をつまんで
ずらすように折る
Rotate and
pleat on the
upper body.



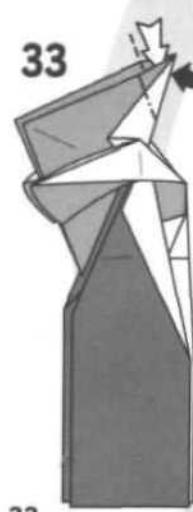
40
内側のカドを
うしろに折る
Mountain fold
the inner corner.



39
上の紙をつまんで
かるくずらすようする
Open and slide the
top layers slightly.



41
ずらした紙を戻す
Put back the slided
layers.



33
内側をひろげて
押しつぶすように折り
顔になる部分を
平らにする
Squash and mold
the face to the taste.



34 途中の図
Squashing...



35
カドを下の縁のところで折る
Fold down along the edge.



37
反対側も
35~36と同じ
Repeat
35~36
on the back.



36
カドをすき間に差し込む
Tuck the corner
into the pocket.

1 ファンタジー／マーメイド



42



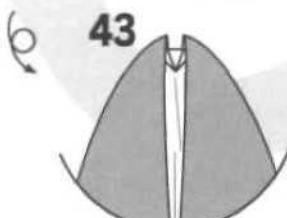
44



45



46



43

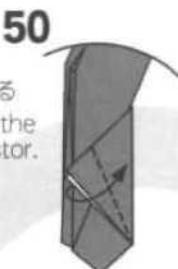
44
カドを内側に
折り込む
Inside reverse fold.

45
反対側も
同じ
Repeat on
the back.

46
中わり折り
Inside reverse fold.



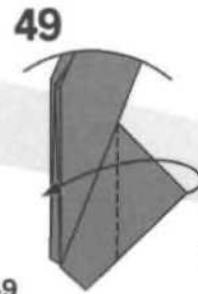
51



50

縁と縁を
合わせて折る
Fold along the
angle bisector.

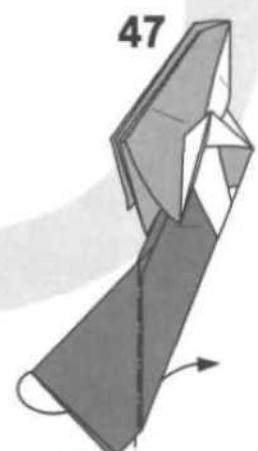
51 戻す
Unfold.



49
カドを反対側に
折る
Valley fold.

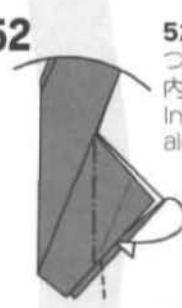


48



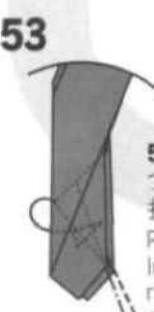
47

縁に沿って中わり折り
Inside reverse fold
along the edges.



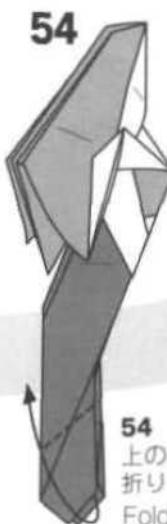
52

52
つけた折り筋で
内側に折る
Inside reverse fold
along the precrease.



53

53
つけた
折り筋で
内側に折る
Inside
reverse fold
along the
precrease.



54

54
上の1枚を
折り上げる
Fold up the tail.



55

55
体をひねる
Twist the body
to the taste.



56

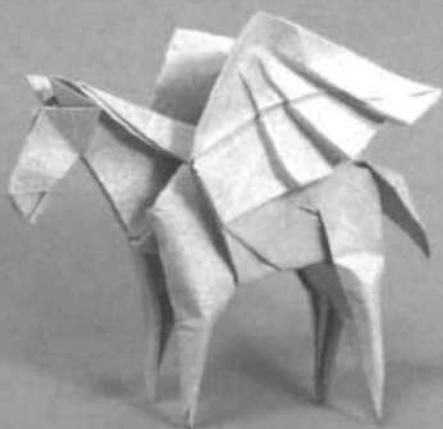
できあがり
Model Completed

ペガサス

Pegasus

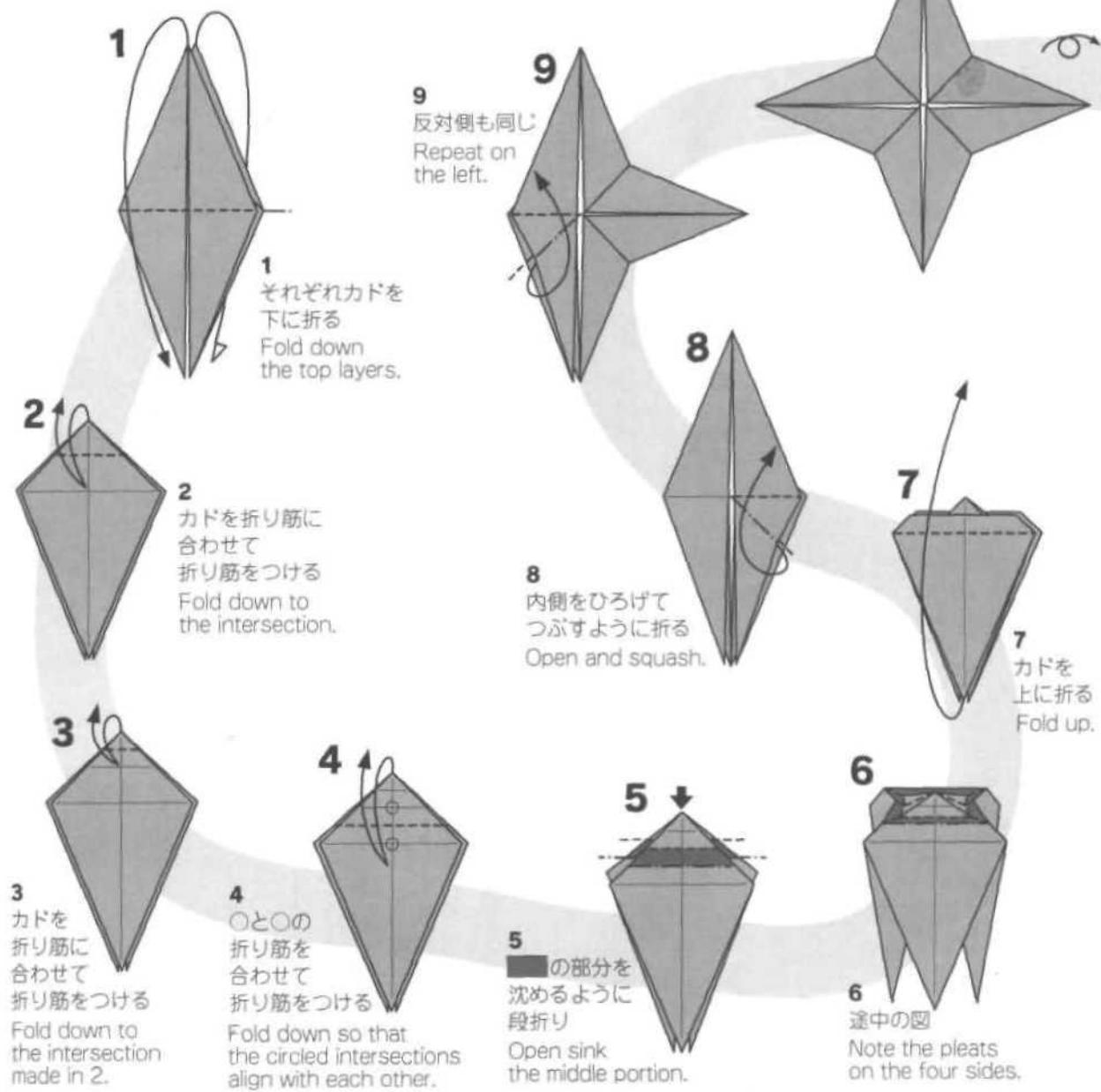
ペガサスは、馬か鳥か？馬に翼を付けようとして苦労していたある時、ふと鳥に足を付ければと思い至って、鶴の基本形から一気に原型ができました。鶴の背中に当たるところのボックスプリートの隙間に余分な角を差し込み、同時に後ろ足が出来る工程がお気に入り。

Structurally, this Pegasus is a bird with four legs rather than a horse with wings. Starting from a bird base, this work makes a good use of the "back of a crane" (note 56-61).



Created 1993 Paper 不切正方一枚折り: 1 piece

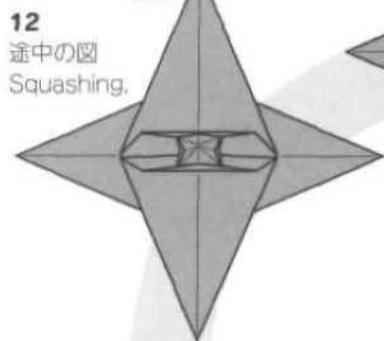
P. 8 [鶴の基本形] からはじめる
Start with [Bird Base] (P.8)



1 ファンタジー／ペガサス

12

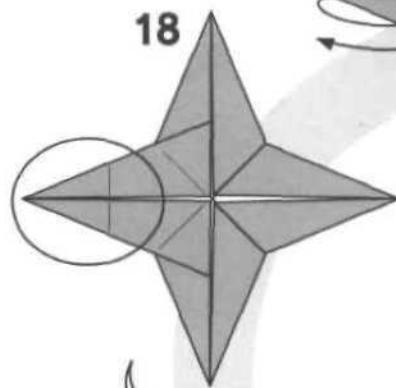
途中の図
Squashing.



11

内側をひろげて
黒矢印の部分を
つぶすように折る
Open and squash
the corner into
a small square.

18



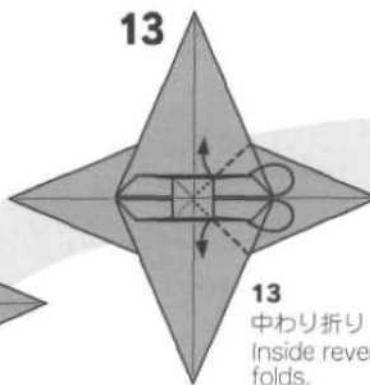
19

縁を折り筋に
合わせて
折り筋をつける
Align the lower edge to
the precreased line.

12

13

中わり折り
Inside reverse
folds.



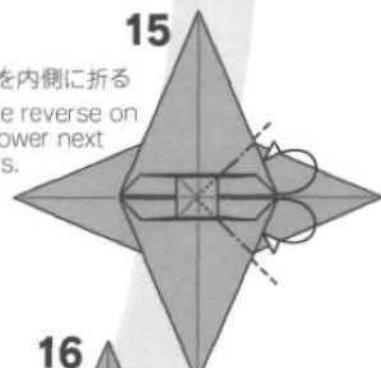
14

しっかりと
折り筋を
つけてから戻す
Fold back.

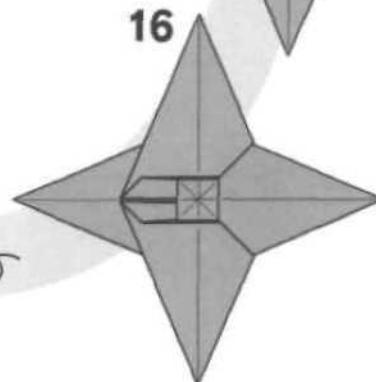


15

カドを内側に折る
Inside reverse on
the lower next
layers.

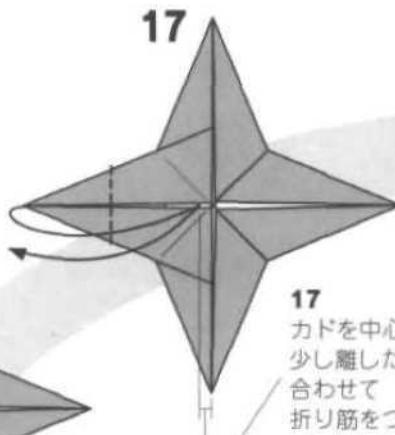


16



17

カドを中心より
少し離したところに
合わせて
折り筋をつける
Fold the corner to
the point slightly
left of the center.



22

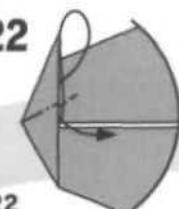
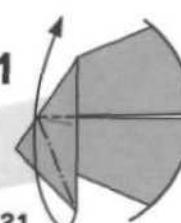
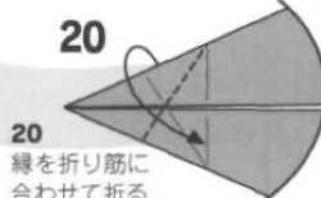
中わり折り
Inside reverse fold.

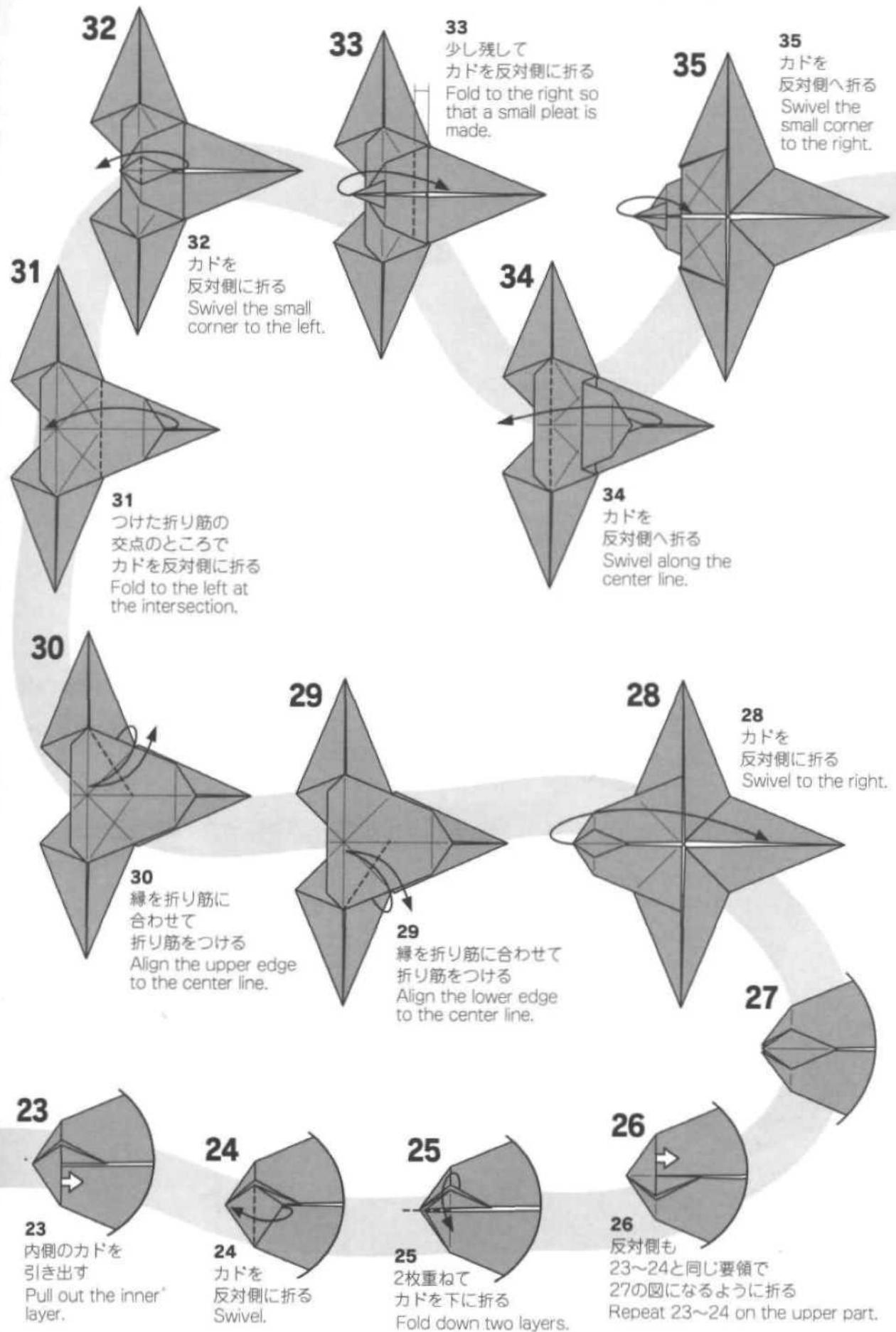
20

縁を折り筋に
合わせて折る
Align the upper edge to
the precreased line.

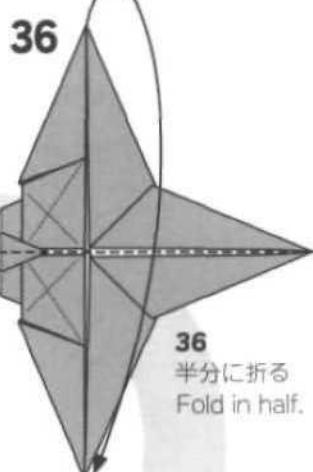
21

カドをつまむ
ように折る
Rabbit ear and fold up.

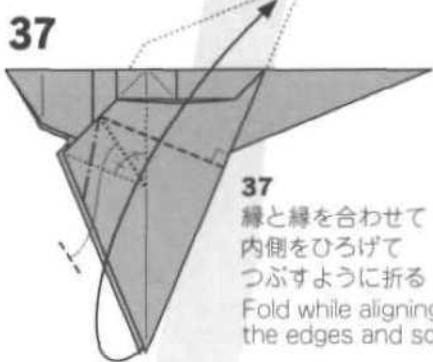




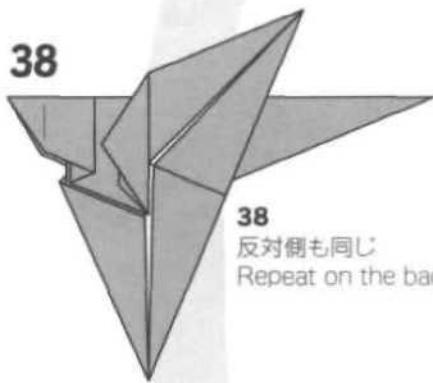
1 ファンタジー／ペガサス



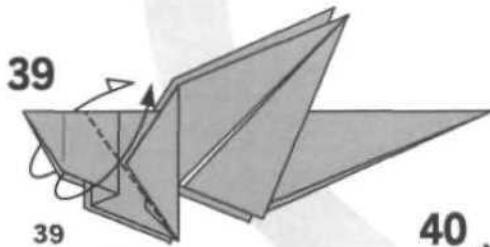
36
半分に折る
Fold in half.



37
縁と縁を合わせて
内側をひろげて
つぶすように折る
Fold while aligning
the edges and squash.



38
反対側も同じ
Repeat on the back.



39
かぶせ折り
Outside reverse fold.

40
カドを起こす
反対側も同じ
Bring the corner
to the left.
Repeat on the back.



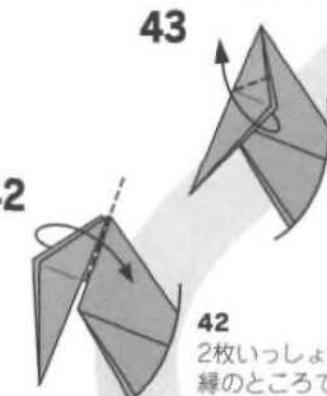
46
重なりの部分を
内側から引き出す
反対側も同じ
Slide and separate
one layer.
Repeat on the back.



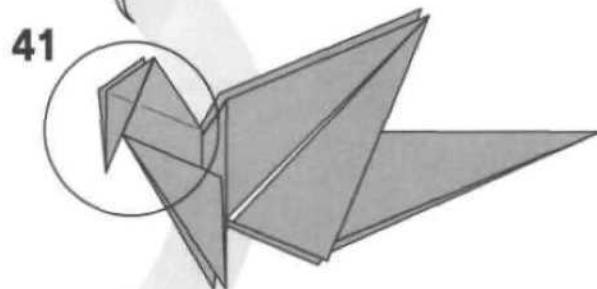
45
かぶせるように
斜めに段折り
Pleat outside.



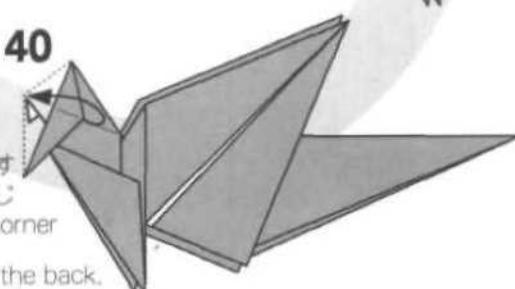
44
しっかりと
折り筋を
つけてから戻す
Unfold.



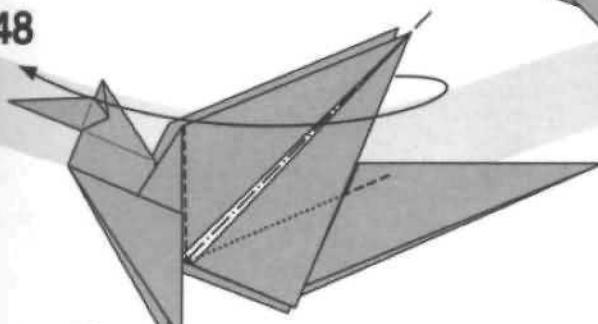
42
2枚いっしょに
カドを縁に合わせて折る
Valley fold two layers
together.



43
2枚いっしょに
縁のところで折る
Valley fold two layers
together.

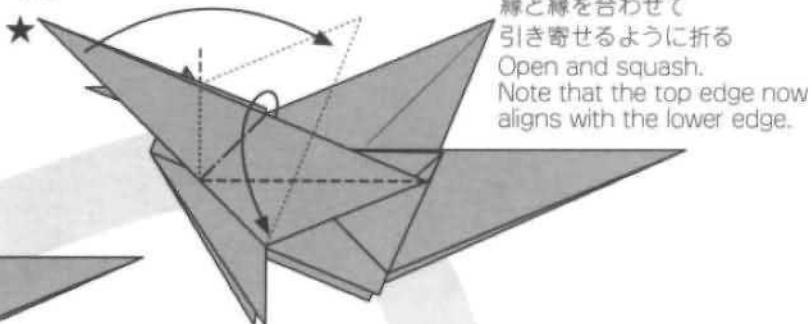


48



48
上の縁のところで
カドをつまむように折る
Fold a huge rabbit ear.

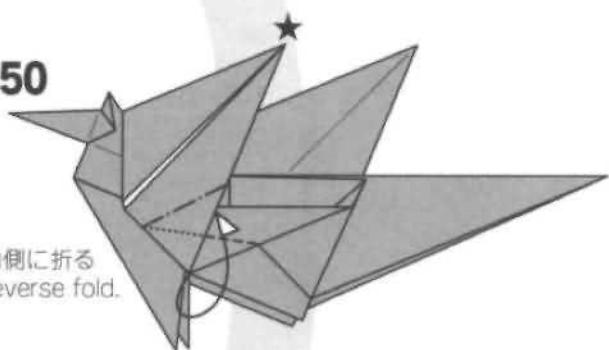
49



49

縁と縁を合わせて
引き寄せるように折る
Open and squash.
Note that the top edge now
aligns with the lower edge.

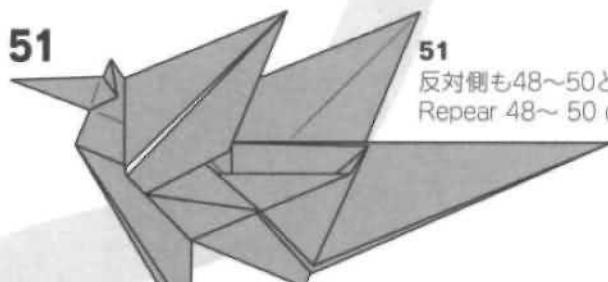
50



50

カドを内側に折る
Inside reverse fold.

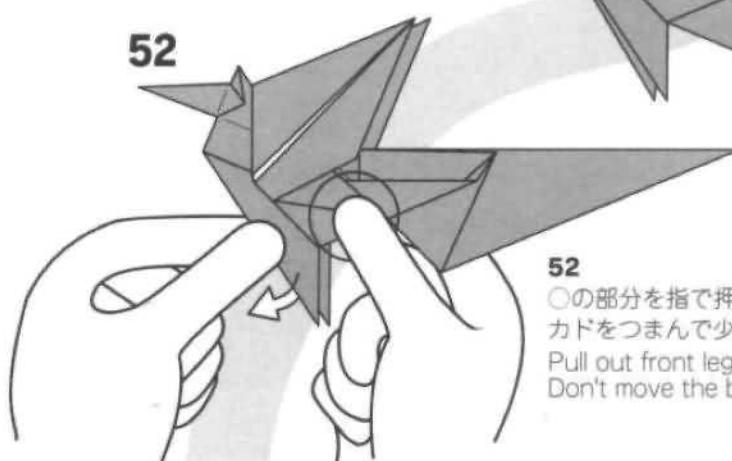
51



51

反対側も48~50と同じ
Repeat 48~ 50 on the back.

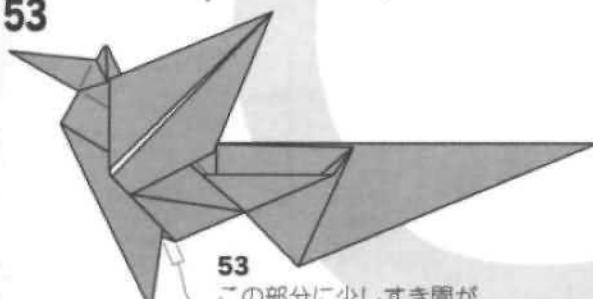
52



52

○の部分を指で押さえながら
カドをつまんで少し引き出す
Pull out front legs a little.
Don't move the body,

53



53

この部分に少しすき間が
できるようにする
... so that a small space can
be seen between legs and
the body.

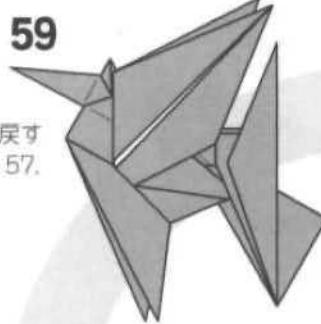
54



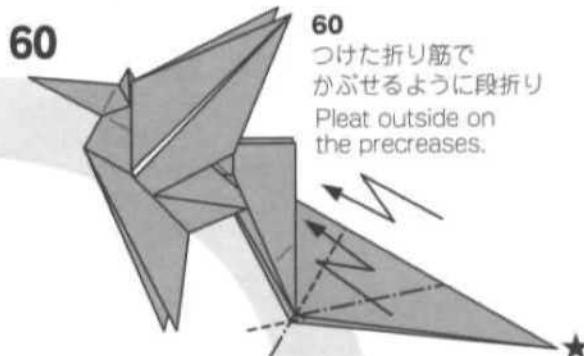
54

縁を内側に折る
反対側も同じ
Mountain fold,
Repeat on the back.

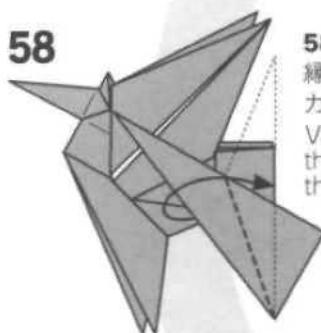
1 ファンタジー／ペガサス



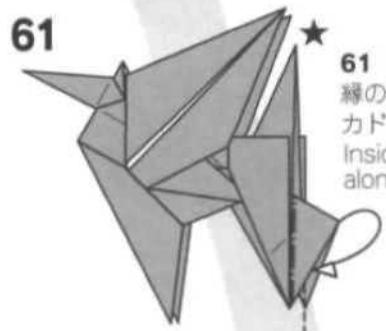
59
57の形に戻す
Unfold to 57.



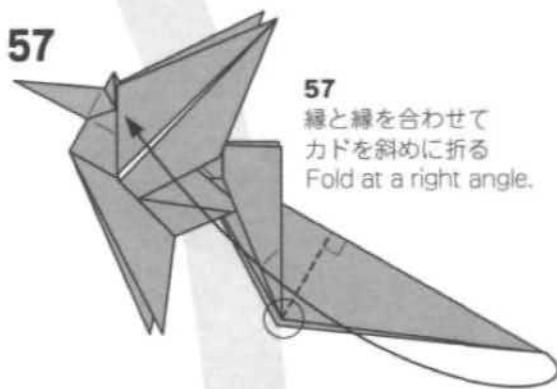
60
つけた折り筋で
かぶせるように段折り
Pleat outside on
the precreases.



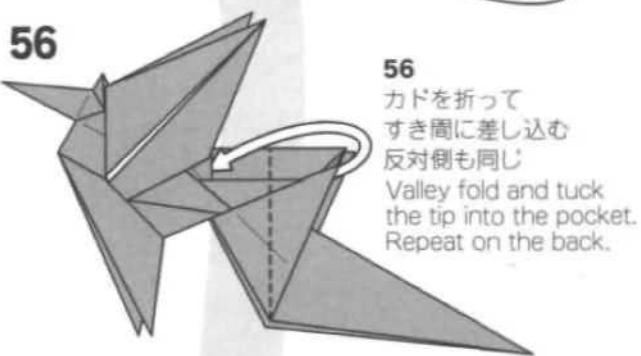
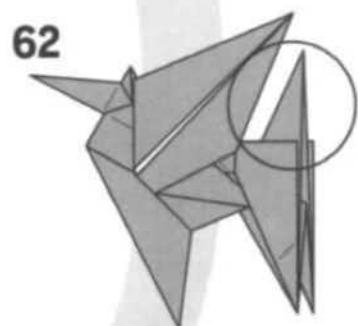
58
縁と縁を合わせて
カドを斜めに折る
Valley fold so that
the lower edge aligns with
the edge of the legs.



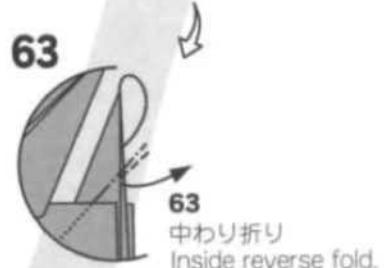
61
縁のところで
カドを内側へ折る
Inside reverse
along the edge.



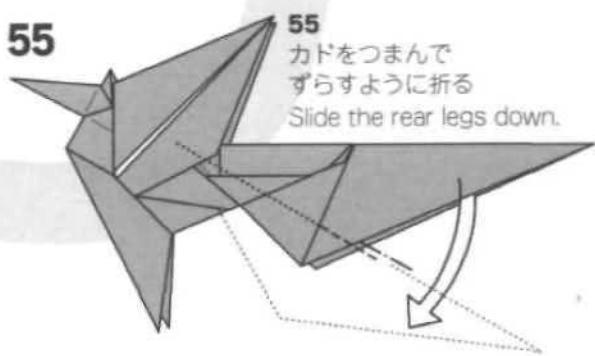
57
縁と縁を合わせて
カドを斜めに折る
Fold at a right angle.



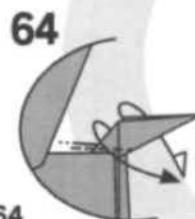
56
カドを折って
すき間に差し込む
反対側も同じ
Valley fold and tuck
the tip into the pocket.
Repeat on the back.



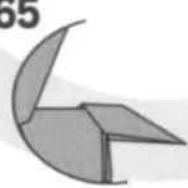
63
中わり折り
Inside reverse fold.

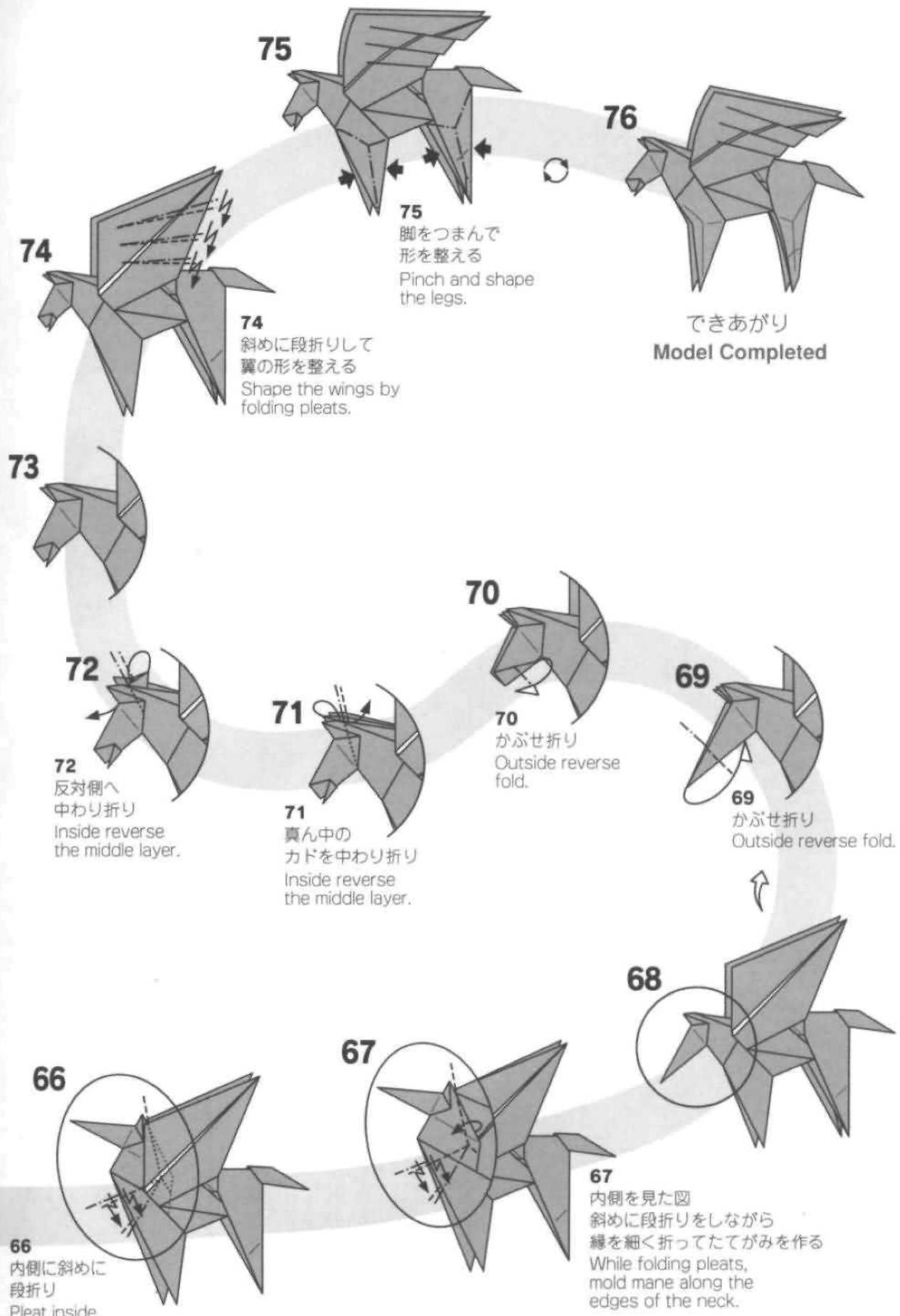


55
カドをつまんで
ずらすように折る
Slide the rear legs down.



64
かぶせ折り
Outside reverse
fold.





ドラゴン

Dragon

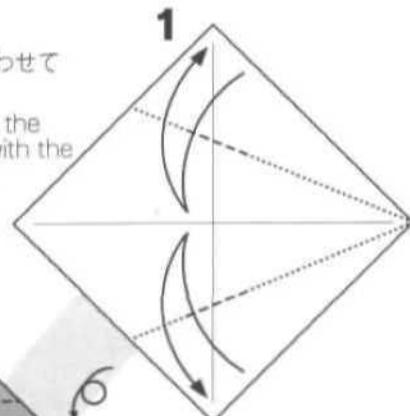
足と翼の点配置の原型は以前からあったものですが、1998年頃に前足の爪の折り方を中心に手順をまとめたものが本作です。翼の大きさを決めるはじめの仕込み折りは自由度が高くて、少しくらい比率が変わっても折り進んでいけます。頭部をしっかり作るには、35センチ以上の用紙がおすすめです。

The base of this dragon has been in my mind for quite a while. This is a new version with more sophisticated folding methods on the nails. You can change the size of the wings to your taste. Use a large sheet to fold details.



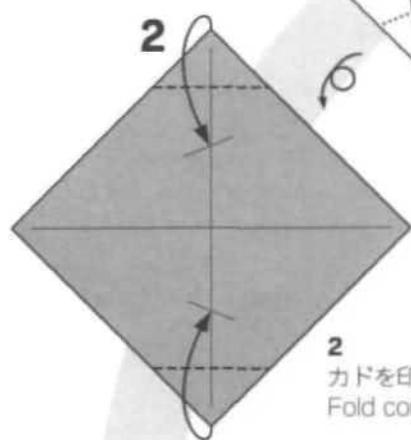
Created 1998 Paper 不切正方一枚折り: 1 piece

1 縁を中心に行わせて印をつける
Bend so that the edges align with the center line.
Put marks at intersections.



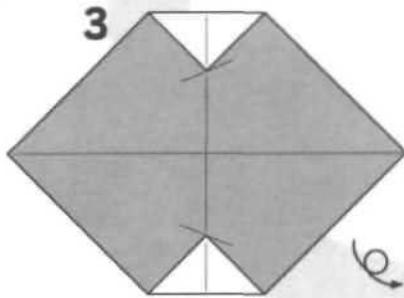
2

カドを印に合わせて折る
Fold corners to the marks.



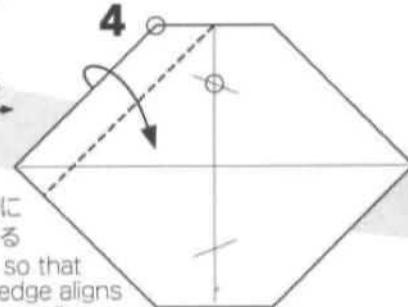
3

カドを印に合わせて折る
Fold corners to the marks.

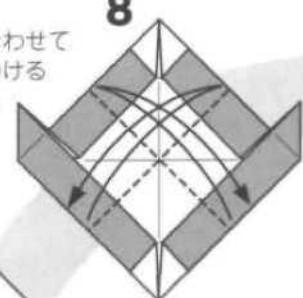


4

縁を折り筋に合わせて折る
Valley fold so that the upper edge aligns with the center line.

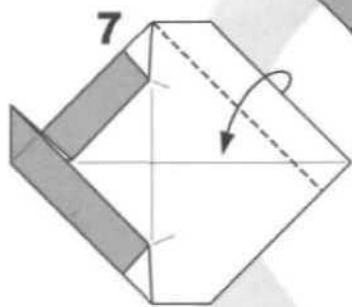


8 縁と縁を合わせて折り筋をつくる
Fold edge to edge.



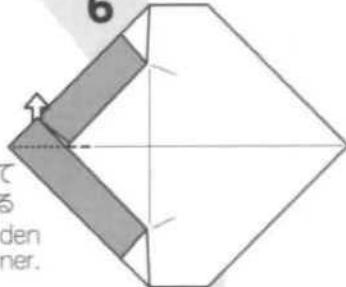
7

反対側も
4~6と同じ
Repeat 4-6
on the right.



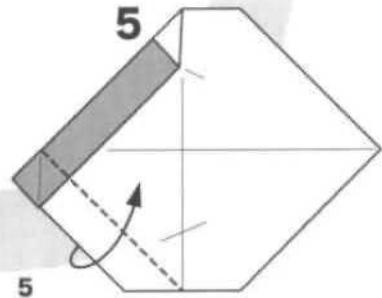
6

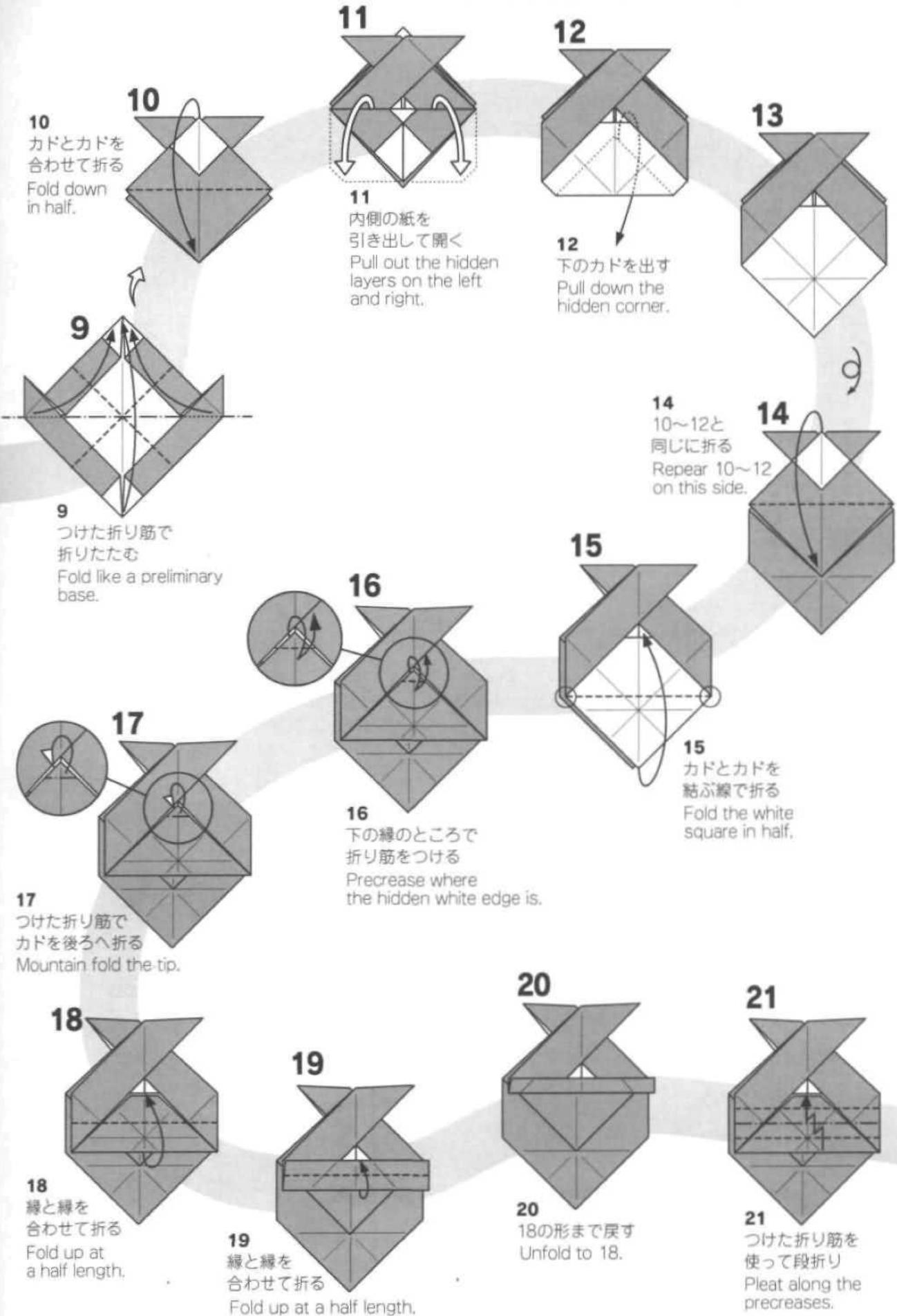
カドを引き出して
つまむように折る
Pull out the hidden layer with a corner.



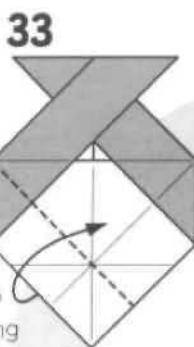
5

縁を折り筋に合わせて折る
Repeat at the bottom.

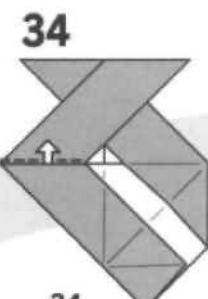




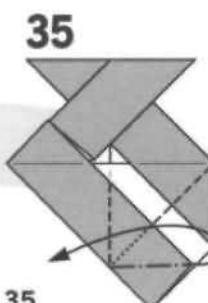
1 ファンタジー／ドラゴン



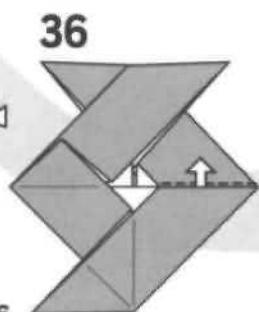
33
ついている
折り筋で折る
Fold up along
the precrease.



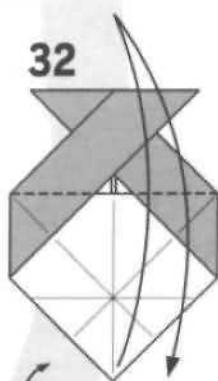
34
内側のカドを
引き出す
Pull out the
hidden corner.



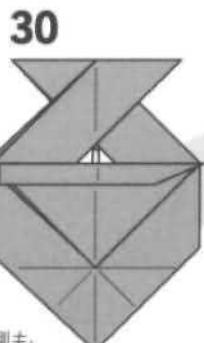
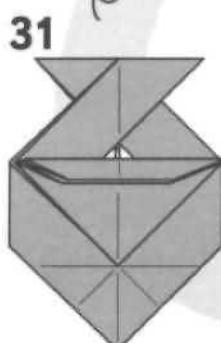
35
ついている折り筋で
カドをつまむように折る
Pinch and squash
the lower corner.



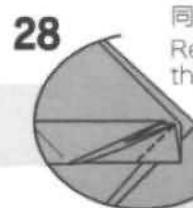
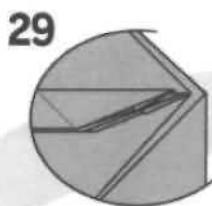
36
内側のカドを引き出す
Pull out the hidden corner.



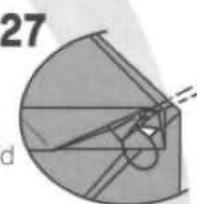
32
開くところで
折り筋をつける
Precrease along
the edge.



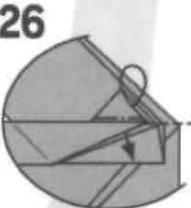
30
反対側も
23~29と同じ
Repeat 23-29 on the left.



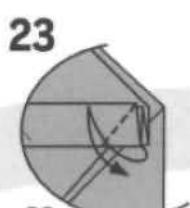
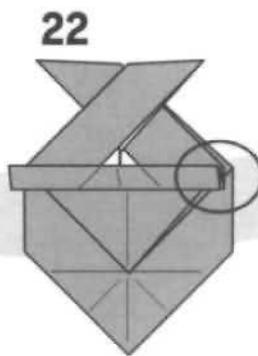
28
残りも23~27と
同じように折る
Repeat 23~27 on
the hidden layers.



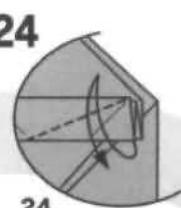
27
縁のところで
カドを内側に折る
Inside reverse fold
along the edge.



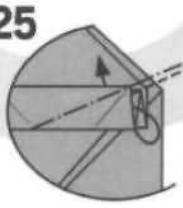
26
縁のところで
中わり折り
Inside reverse
fold along
the edge.



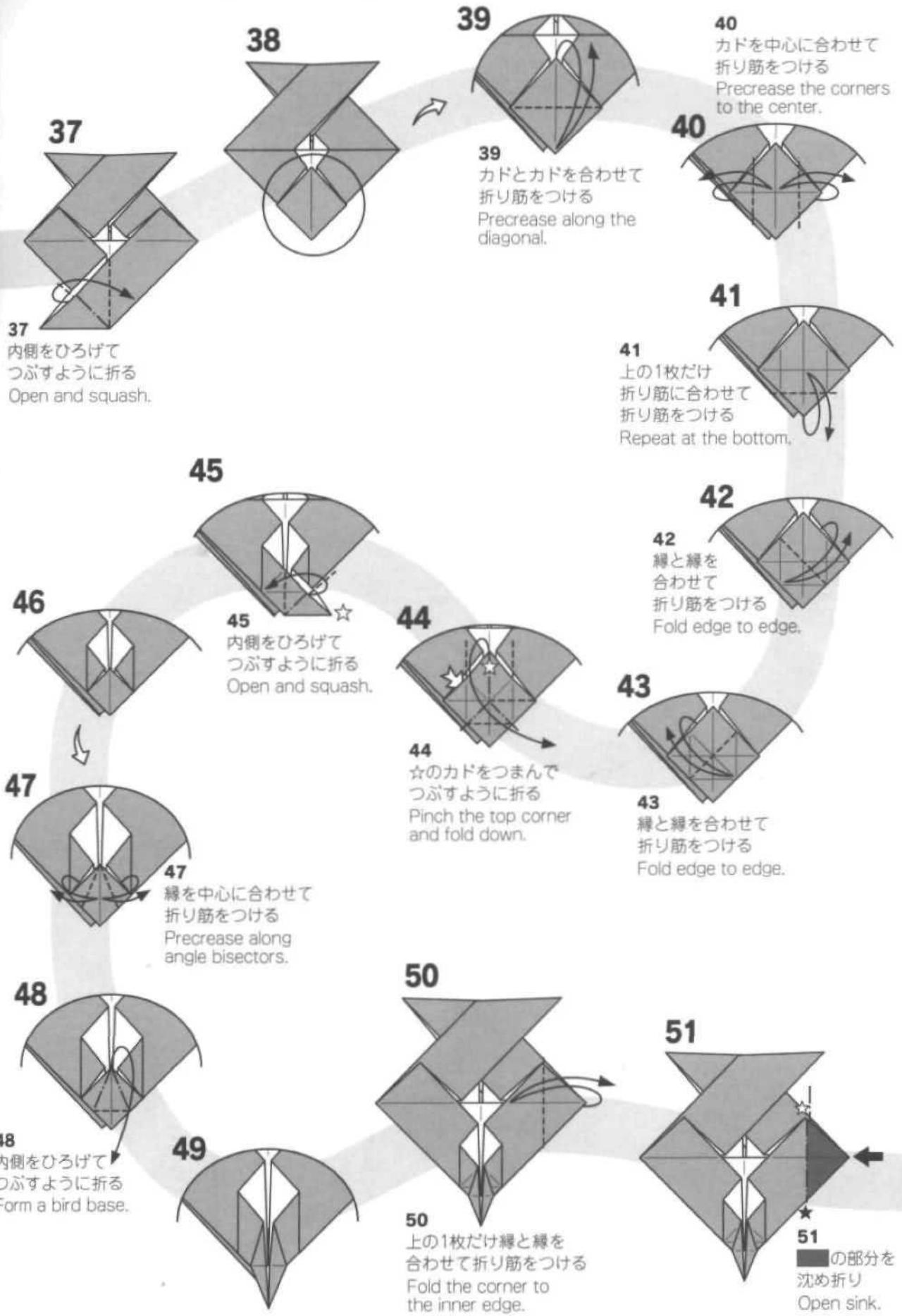
23
縁と縁を合わせて
折り筋をつくる
Precrease along
an angle bisector.



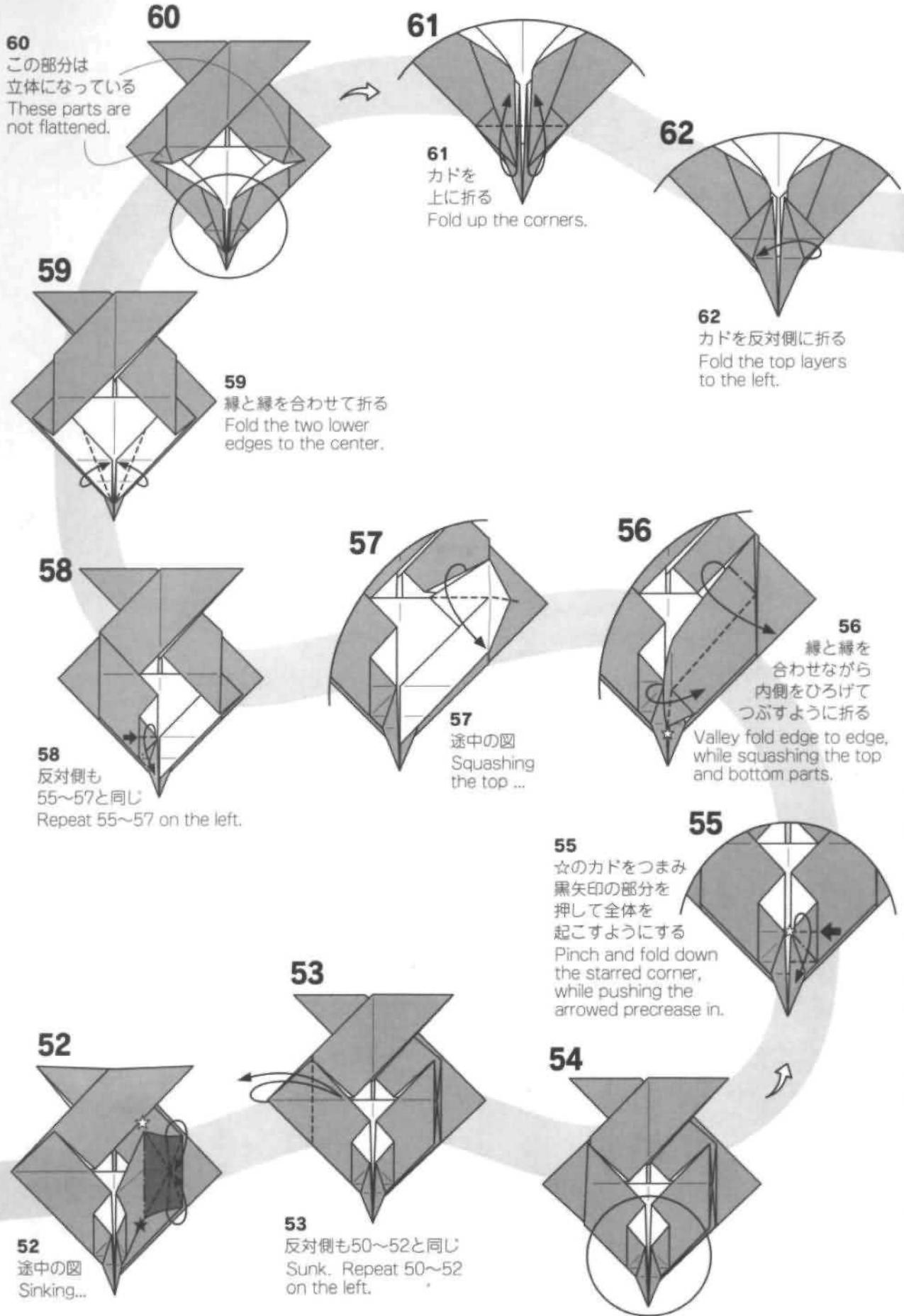
24
つけた折り筋を
縁に合わせて
折り筋をつくる
Precrease along
an angle bisector.

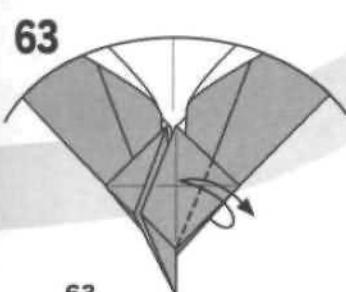


25
つけた折り筋で
中わり折り
Inside reverse
fold.

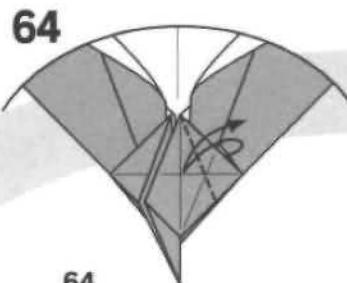


1 ファンタジー／ドラゴン

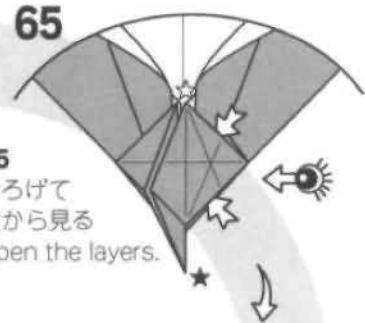




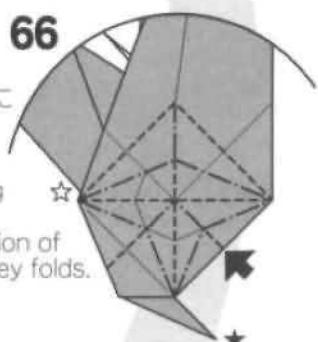
63
縁を折り筋に合わせて
折り筋をつける
Fold the lower edge
to the center line.



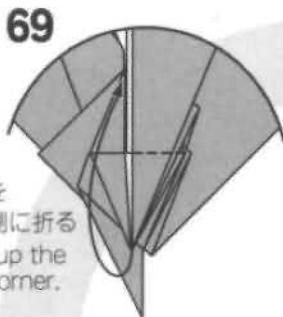
64
縁を折り筋に合わせて
折り筋をつける
Fold the upper edge
to the center line.



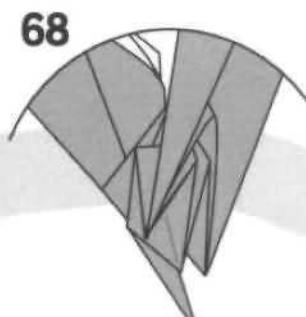
65
ひろげて
横から見る
Open the layers.



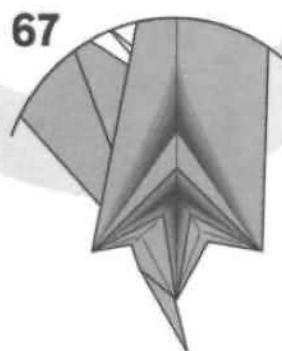
66
図のような折り筋に
つけなおして
折りまとめる
Reassemble using
the precreases.
Note the distribution of
mountain and valley folds.



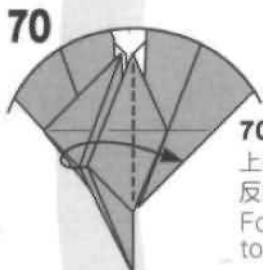
69
カドを
反対側に折る
Fold up the
top corner.



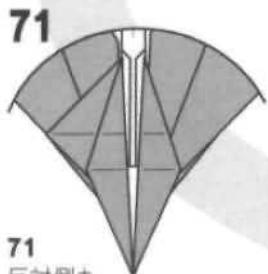
68
途中の図
Assembling ...



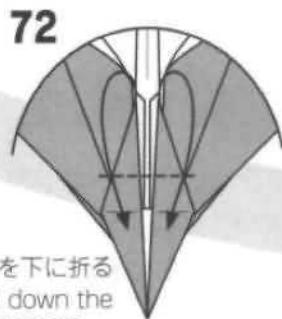
67
途中の図
そのまま
折りまとめる
Assembling ...



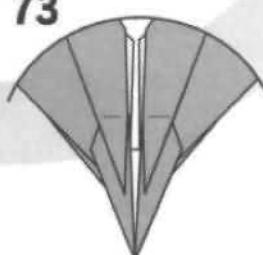
70
上のカドを
反対側に折る
Fold the top layer
to the right.



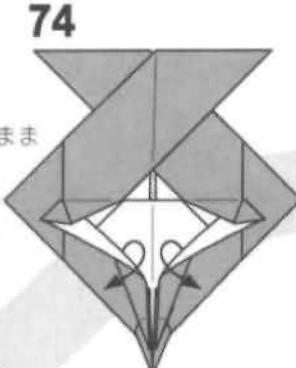
71
反対側も
62~70と同じ
Repeat 62~70
on the left.



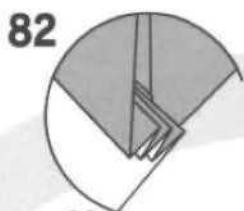
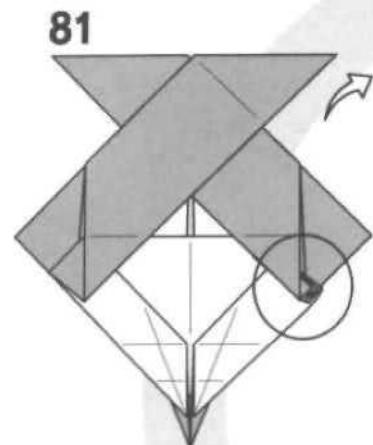
72
カドを下に折る
Fold down the
top corners.



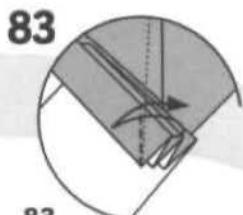
74
この状態のまま
縁を戻す
Reopen
the edges.



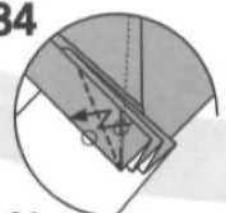
1 ファンタジー／ドラゴン



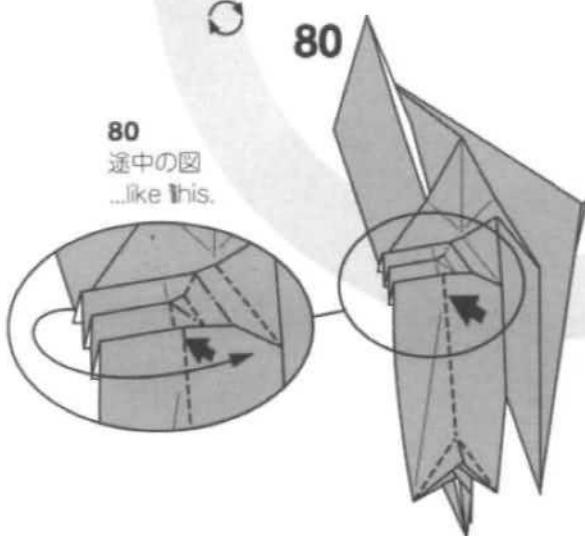
82
次の図から
一番上の紙を
透視して内側を見る
83 shows only the
pleat parts.



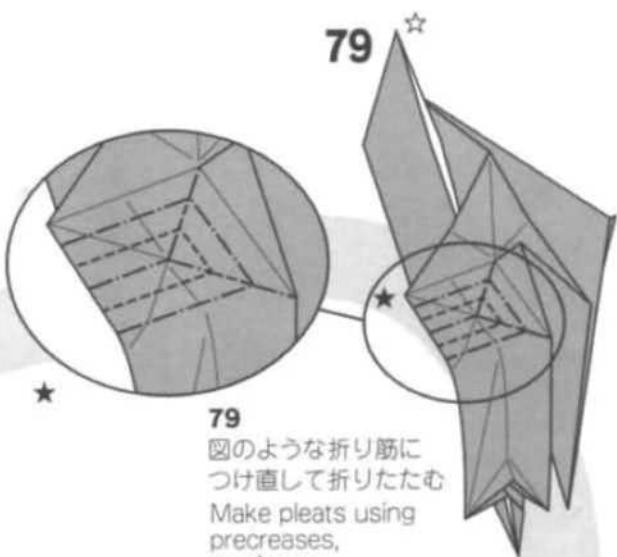
83
縁と縁を合わせて
折り筋をつける
Fold an angle bisector.



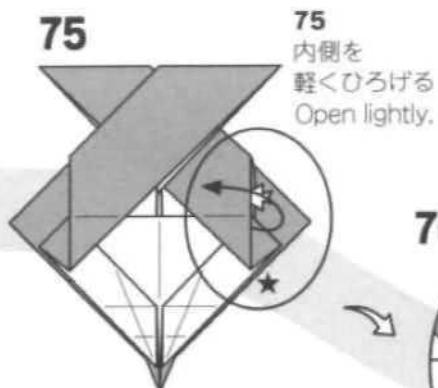
84
つけた折り筋を
縁に合わせるように
斜めに段折り
Fold an angle bisector.



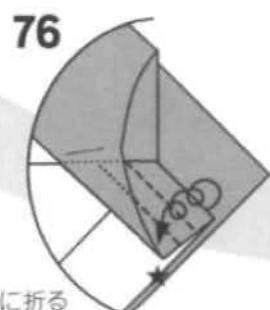
80
途中の図
...like this.



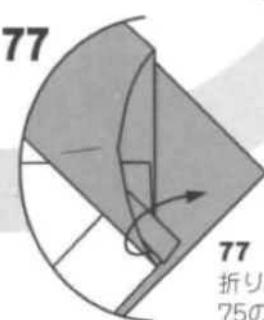
79
図のような折り筋に
つけ直して折りたたむ
Make pleats using
precreases,
as shown,



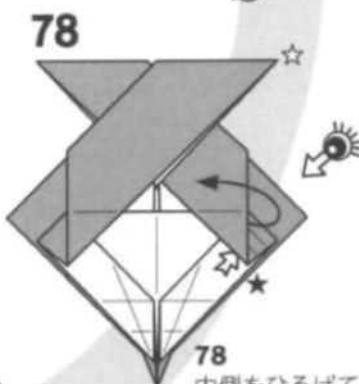
75
内側を
軽くひろげる
Open lightly.



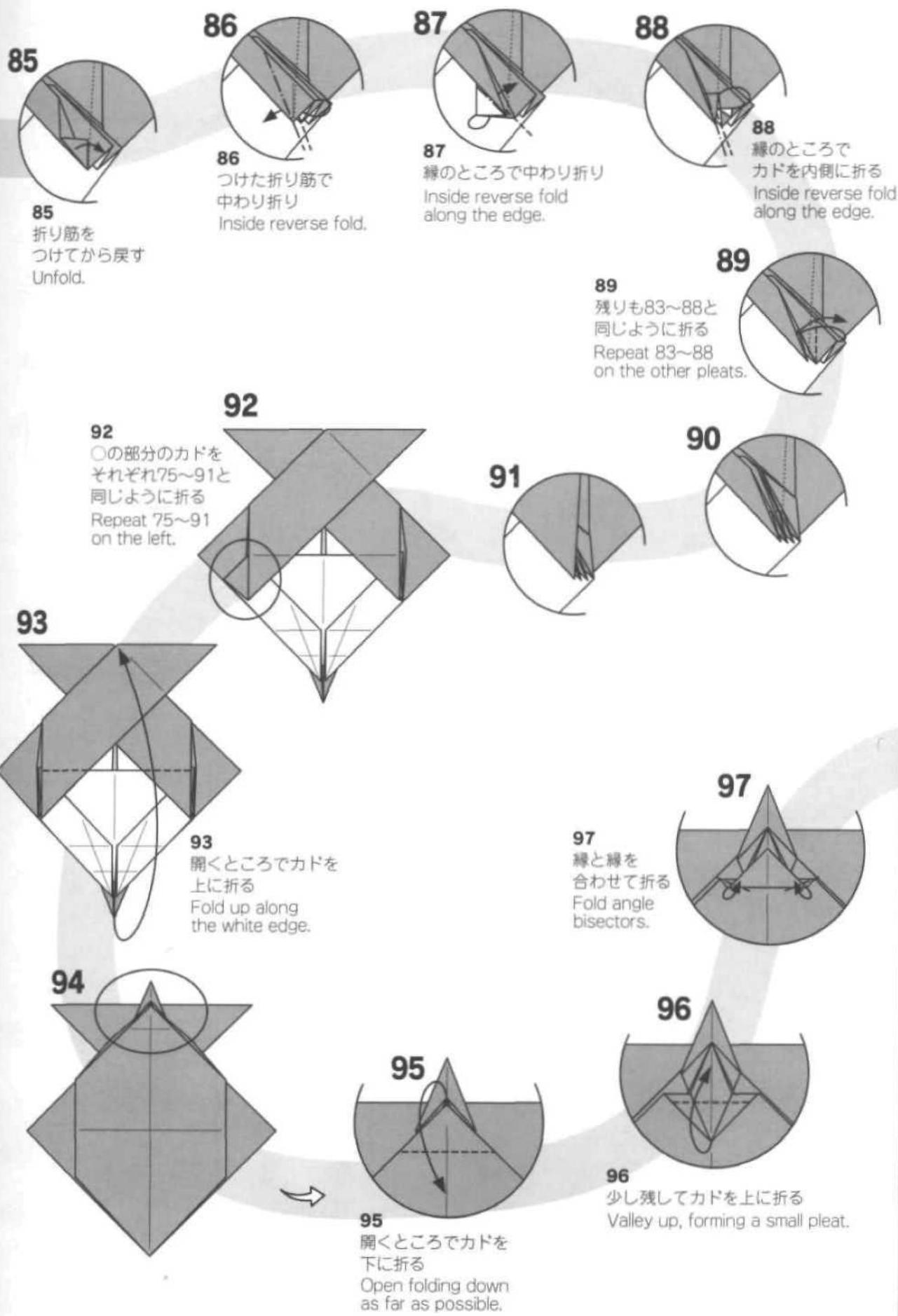
76
3等分で
巻くように折る
Repeat valley folds,
dividing the edge into thirds.



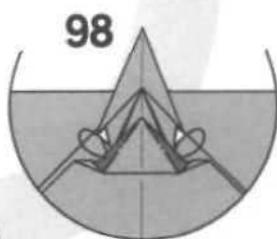
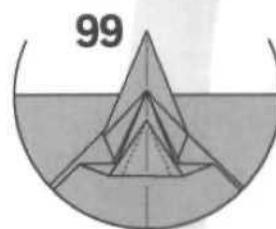
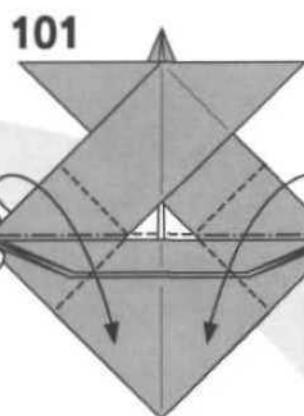
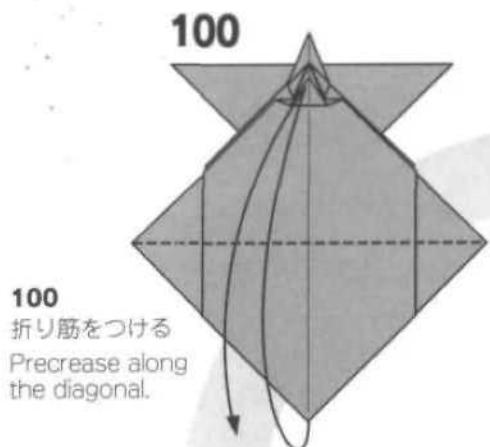
77
折り筋をつけて
75の形まで戻す
Unfold.



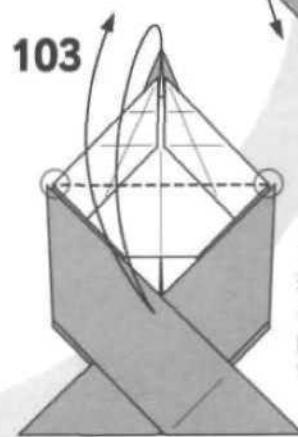
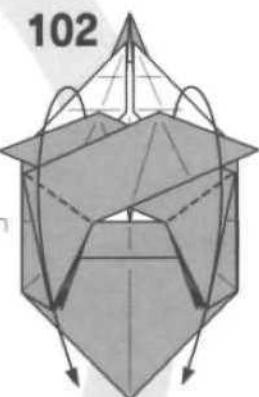
78
内側をひろげて
斜め横から見る
Open lightly.



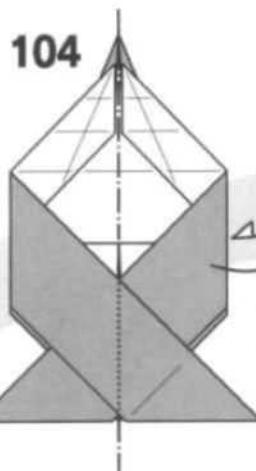
1 ファンタジー／ドラゴン



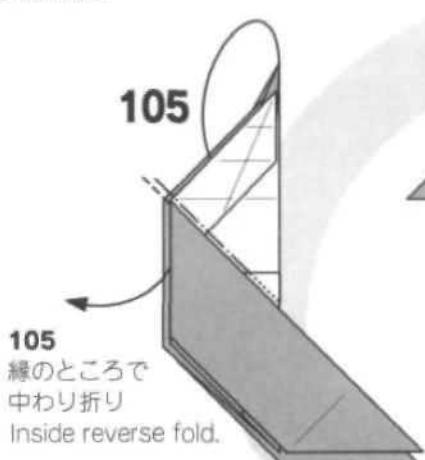
98
■の部分を
すぐ下の内側に折り込む
Mountain folds along the line connecting the corners.



103
カドとカドを
結ぶ線で
折り筋をつける
Precrease corner to corner.



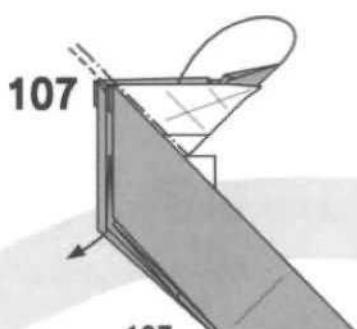
104
後ろへ半分に折る
Mountain fold in half.



105
縁のところで
中わり折り
Inside reverse fold.

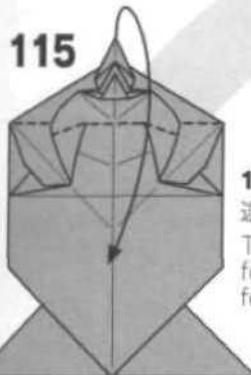
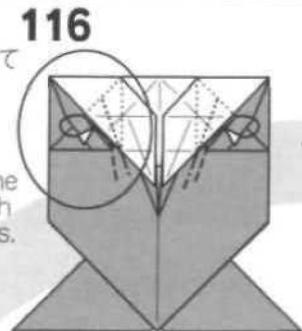


106
103でつけた折り筋と
縁を合わせて中わり折り
Inside reverse fold,
so that the precrease made in 103 aligns with
the edge on the right.

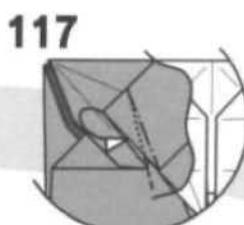


107
縁のところで
カドを内側に折る
Inside reverse along the edge.

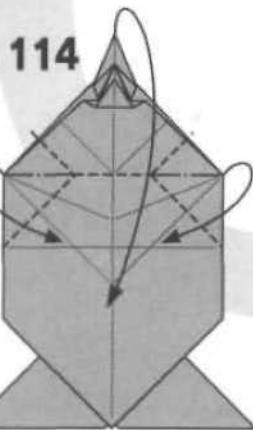
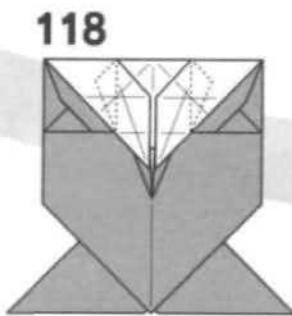
116
縁と線を合わせて
内側のカドを
内側に折る
Inside reverse
folds so that the
edges align with
the vertical lines.



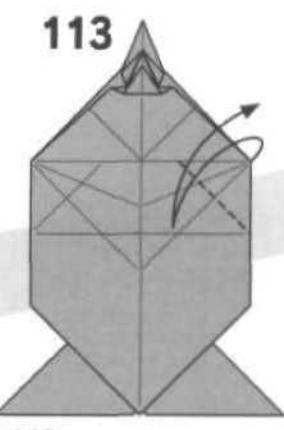
115
途中の図
The top part is
folded down by
folding 114.



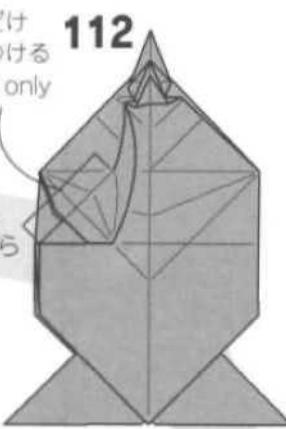
117
内側を見た図
反対側も同じ
Inside view.
Repeat on
the right.



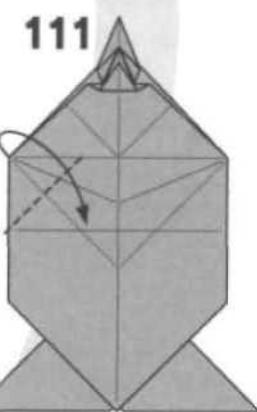
114
つけた折り筋で
左右のカドをつまんで
折りまとめる
Pinch and fold down
the side corners.



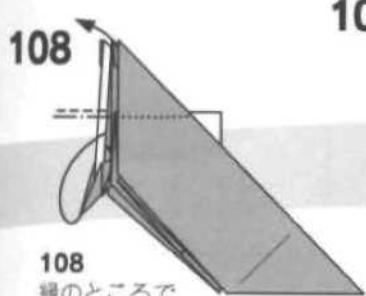
113
反対側も111~112と同じ
Repeat 111~112
on the right.



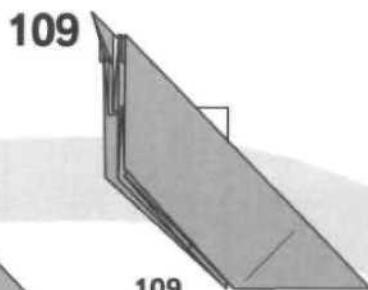
112
折り筋を
つけてから
戻す
Unfold.



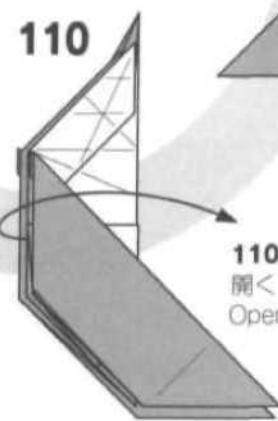
111
縁と折り筋を
合わせて折る
Fold and align
the side edge to
the precrease
in the middle.



108
縁のところで
内側のカドを中わり折り
Inside reverse along the
hidden edge.

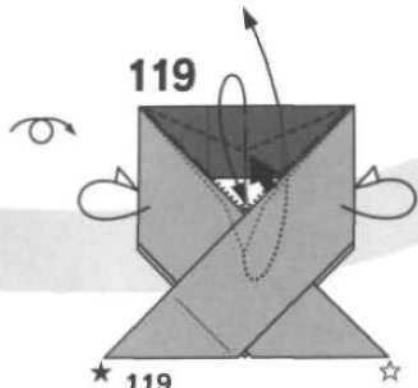


109
しっかりと
折り筋をつけて
105の形まで戻す
Unfold to 105.



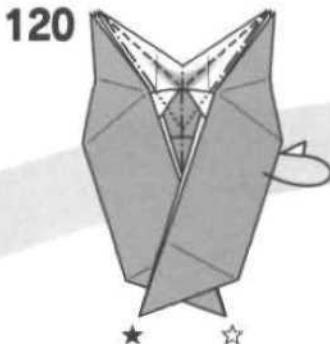
110
開く
Open up.

1 ファンタジー／ドラゴン



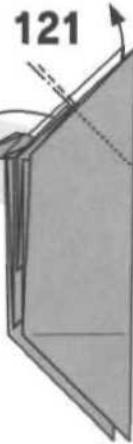
★ 119

106でつけた折り筋で
■の部分を押し込むように
縁と縁を合わせて折りながら
後ろへ半分に折る
Mountain fold in half,
while forming pleats on the top.



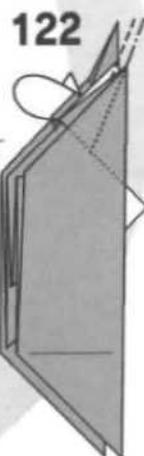
120

途中の図
Assembling ...



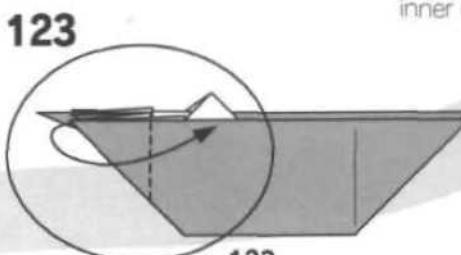
121

ついている
折り筋で
内側のカドを
中わり折り
Inside reverse
the inner corner
using the
precreases.



122

内側のカドを
縁と縁を合わせて
内側に折る
反対側も同じ
Inside reverse
fold edge to
edge on the
inner corners.



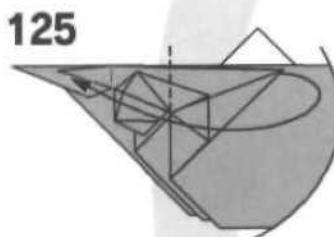
123

開くところで
カドを反対側に折る
Open as far as possible.



124

つられて
持ち上がる部分を
開いてつぶす
Squash the part
pulled up.



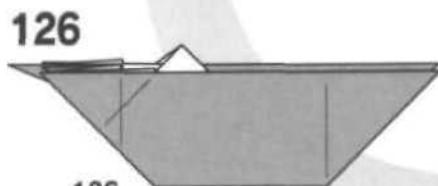
125

カドを
反対側に折る
Fold back.



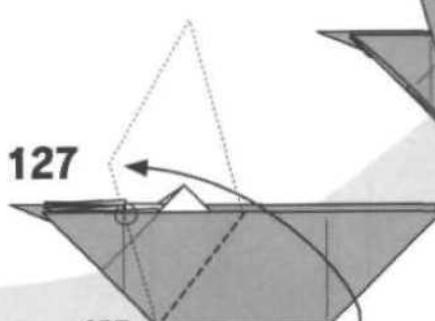
128

しっかりと
折り筋を
つけてから戻す
Fold back.



126

反対側も123～125と同じ
Repeat 123～125 on
the back.



127

○の折り筋と縁を合わせて
カドを斜めに折る
Fold up so that the bottom edge
reaches the circled intersection.

136**136**

反対側も
127~135と同じ
Repeat 127~135
on the back.

137**138****137**

開くところで
カドを反対側に折る
反対側も同じ
Open as far as possible.
Repeat on the back.

138

内側の1枚目の
カドを斜めに折る
Fold up the inner corner.

135**135**

縁と縁を合わせて
引き寄せるように折る
Form a rabbit ear
inside and fold up.

134**134**

縁のところで
カドを折る
Fold up along
the edge.

133**133**

つられて
持ち上がった部分を
開いてつぶすように折る
Squash the pulled-up part.

129**129**

内側をひろげる
Open and fold up.

132**132**

開くところで
カドを反対側に折る
Open as far as
possible.

130**130**

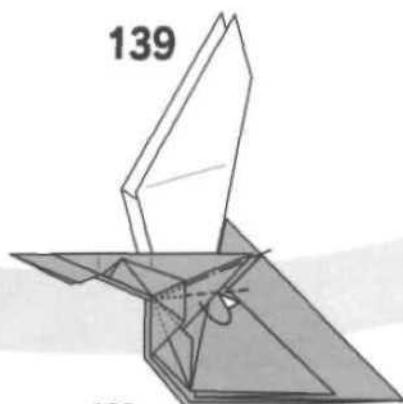
黒矢印の部分を
押し込むようにして
ひっくり返す
Push the arrowed part and sink.

131**131**

途中の図
Valley fold.

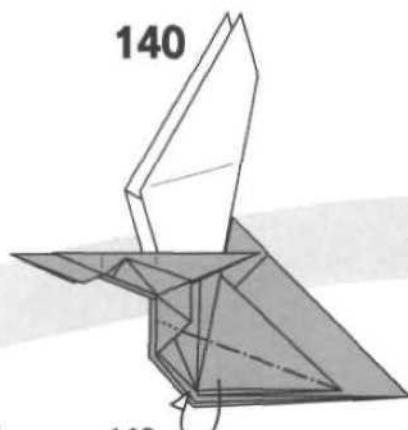
1 ファンタジー／ドラゴン

139



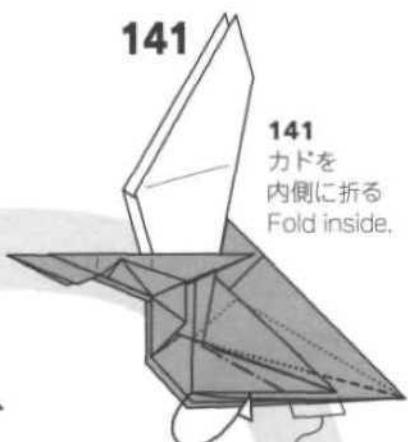
縁のところで後ろへ引き寄せ折り
Mountain fold along the edge
and stretch the hidden layer.

140



カドを内側に折る
Mountain fold the
inner corner.

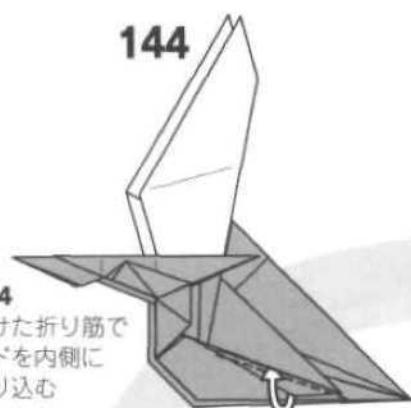
141



141
カドを
内側に折る
Fold inside.

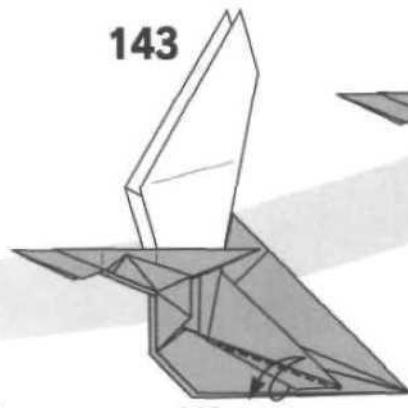
ここをあけて折る
Leave some length
of an edge intact.

144



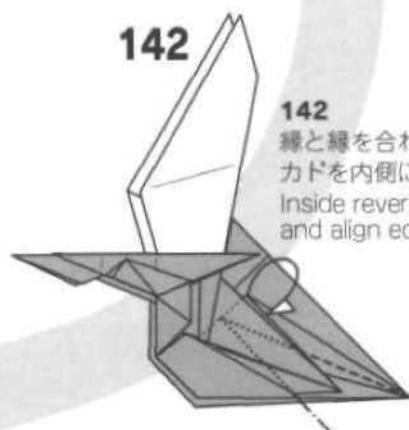
144
つけた折り筋で
カドを内側に
折り込む
Tuck the corner
inside.

143



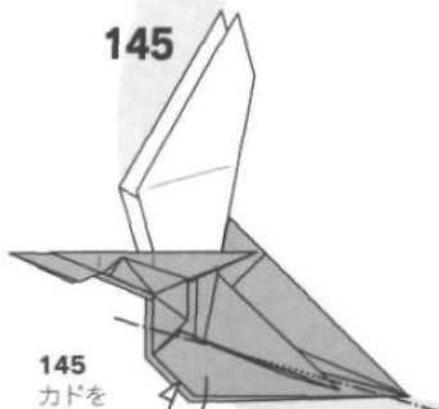
143
縁のところで
折り筋をつける
Precrease along
the edge.

142



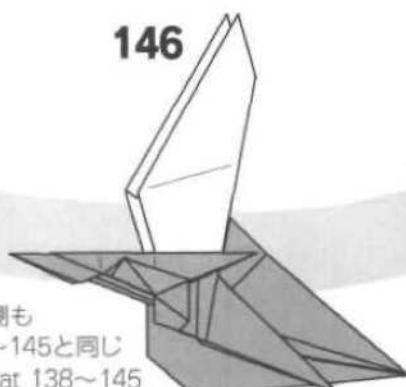
142
縁と縁を合わせて
カドを内側に折る
Inside reverse fold
and align edges.

145



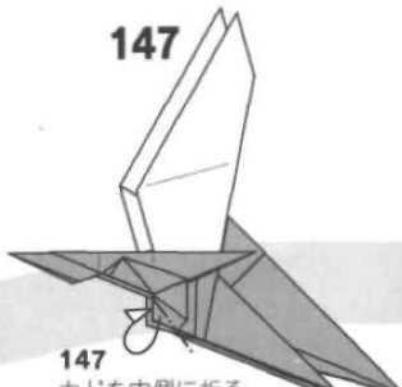
145
カドを
内側に折る
Tuck inside.

146

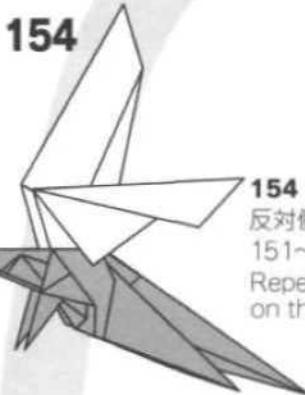
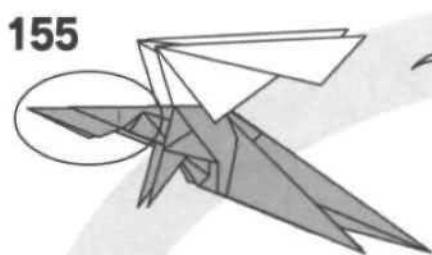


146
反対側も
138～145と同じ
Repeat 138～145
on the back.

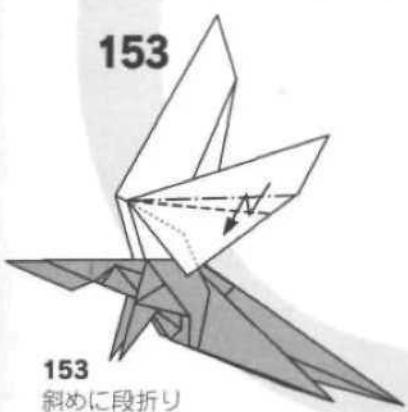
147



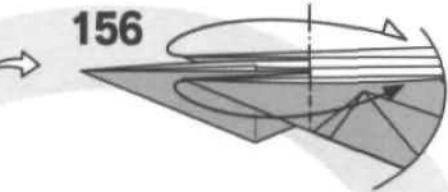
147
カドを内側に折る
反対側も同じ
Tuck the corner inside.



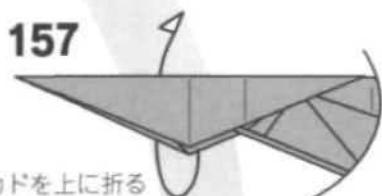
154
反対側も
151～153と同じ
Repeat 151～153
on the back.



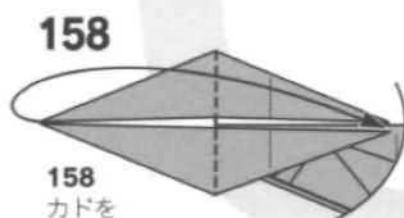
153
斜めに段折り
Form a pleat.



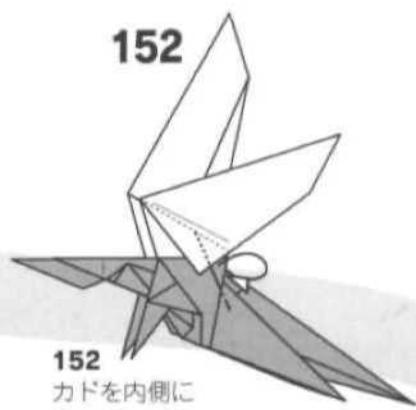
156
それぞれカドを
反対側に折る
Fold the corners
to the right.



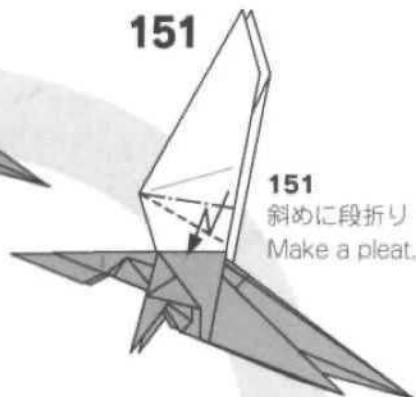
157
下のカドを上に折る
Open from the back side..



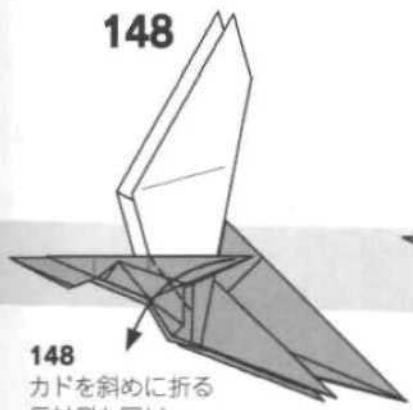
158
カドを
反対側に折る
Swivel to the right.



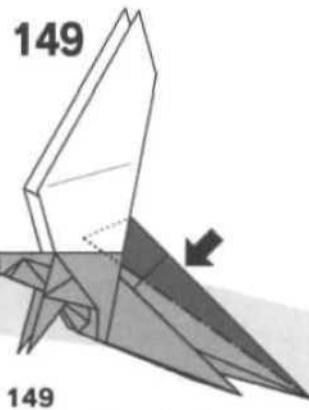
152
カドを内側に
折り込む
Tuck the corner
inside and lock.



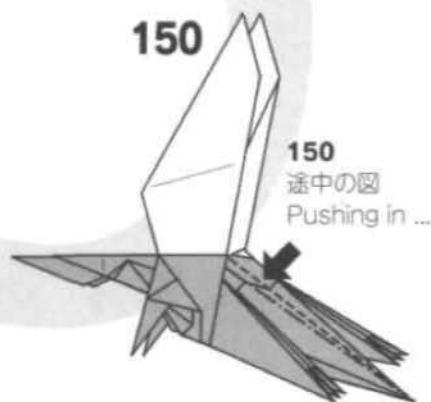
151
斜めに段折り
Make a pleat.



148
カドを斜めに折る
反対側も同じ
Fold down the front leg.

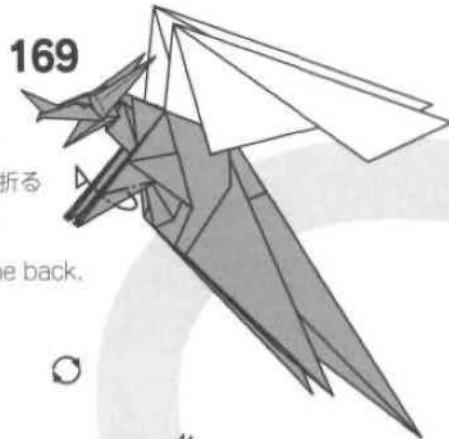


149
■の部分を沈め折り
Sink the darkened part.



150
途中の図
Pushing in ...

1 ファンタジー／ドラゴン



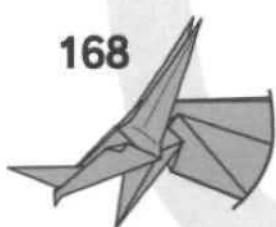
169

内側を通して
カドを斜めに折る
反対側も同じ
Fold inside.
Repeat on the back.

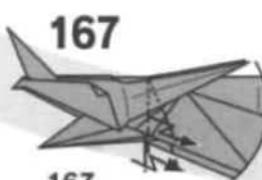


170

斜めに段折り
反対側も同じ
Form pleats.
Repeat on the back.

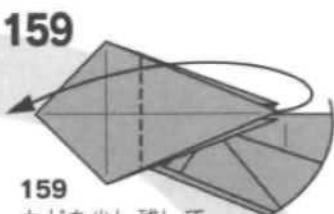


168



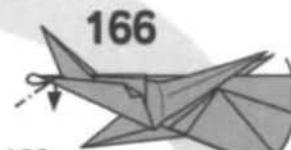
167

かぶせるように
斜めに段折り
Form pleats and
bend the neck.



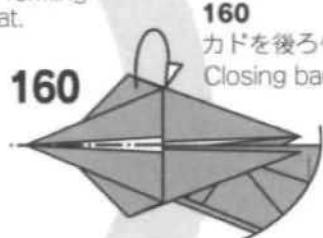
159

カドを少し残して
反対側に折る
Fold back, forming
a small pleat.



166

カドを少し中わり折り
Inside reverse on the
tip of the nose.



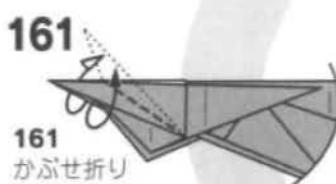
160

カドを後ろへ折る
Closing back.



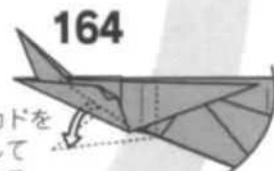
165

カドをつまんで
形を整える
反対側も同じ
Pinch and form horns.



161

かぶせ折り
Outside reverse fold.



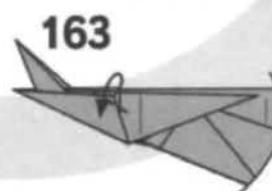
164

内側のカドを
引き出して
あごを作る
Pull down the inner
corner to form a jaw.



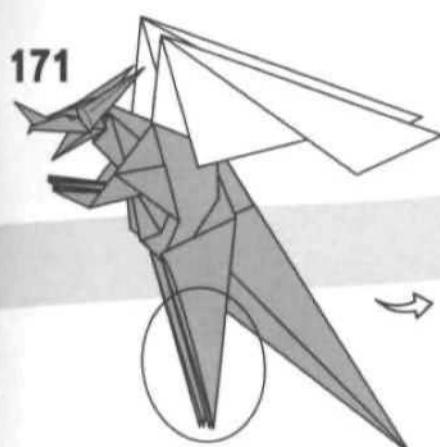
162

カドと縁を
合わせて折る
反対側も同じ
Fold angle bisectors
on the front and the back.



163

カドを少し折る
反対側も同じ
Fold down the tips
of the corners.



171

172

173

174

172

173

174

中わり折り
Inside reverse fold.中わり折り
Inside reverse fold.

175

175

反対側も
172～174と同じ
Repeat 172～174
on the other foot.

178

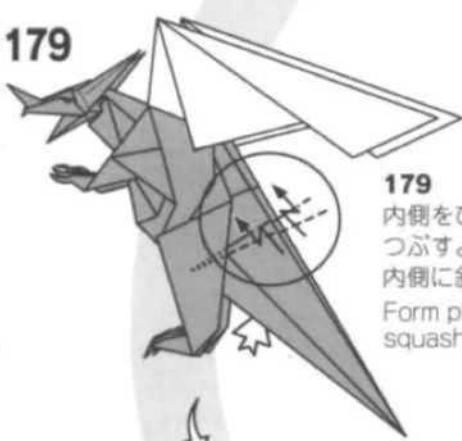
178
反対側も同じ
Repeat on the
other hand.

177

指をひろげて
表情をつける
Open the palm
and shape it.

176

179



179

内側をひろげて
つぶすように
内側に斜めに段折り
Form pleats while
squashing inside.

180

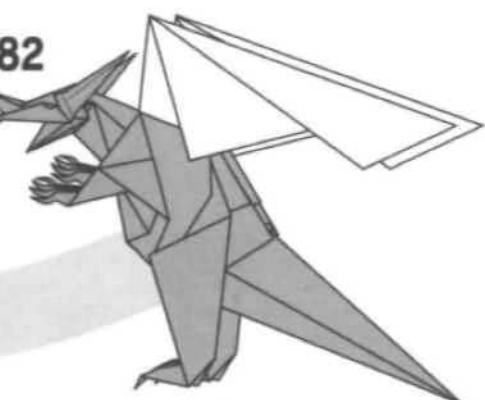
180

内側を見た図
沈め折りした部分を平らにして
黒矢印の部分を押し込んで
つぶすように折る
... like this.

181

途中の図
Finished tail.

182

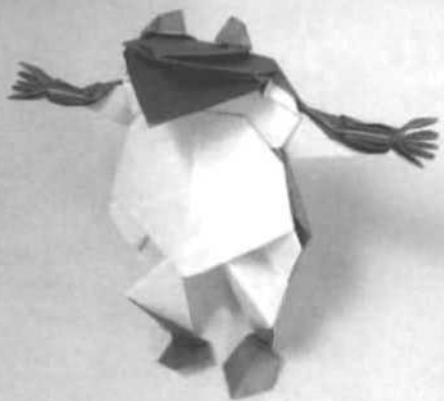
できあがり
Model Completed

鳥獣戯画の蛙

A Frog in "Choju Giga (Frolicking Birds and Animals)"

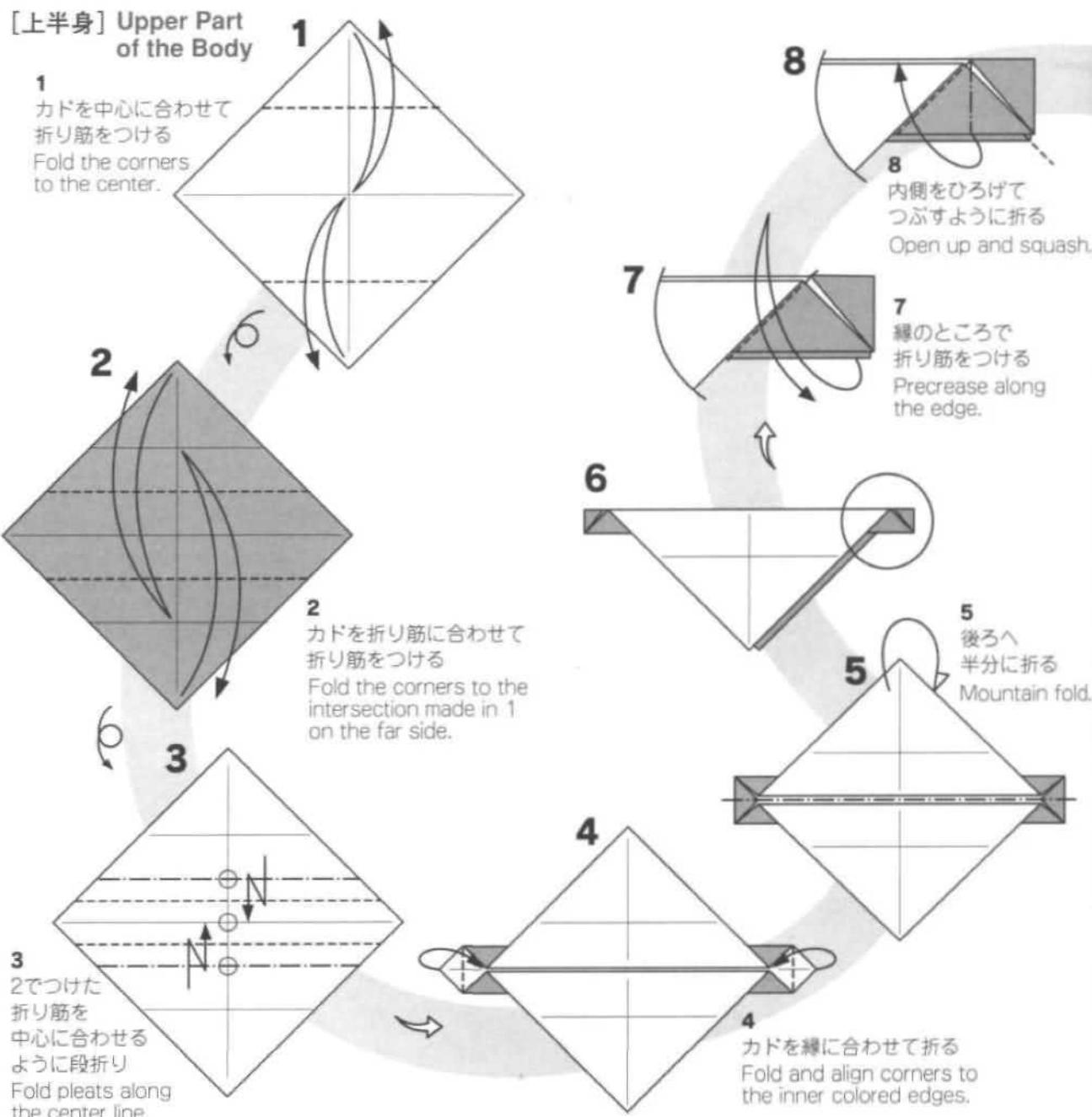
指のある造形は、もちろん前川淳さんの「悪魔」がインスピレーションの源泉です。本書「カニ」の手法を指表現に応用しました。漫画の原点とも言われる鳥獣戯画の蛙は指先の表現が何とも滑稽さを強調していて、本作を作つてみて造形上の指表現の威力を実感しました。

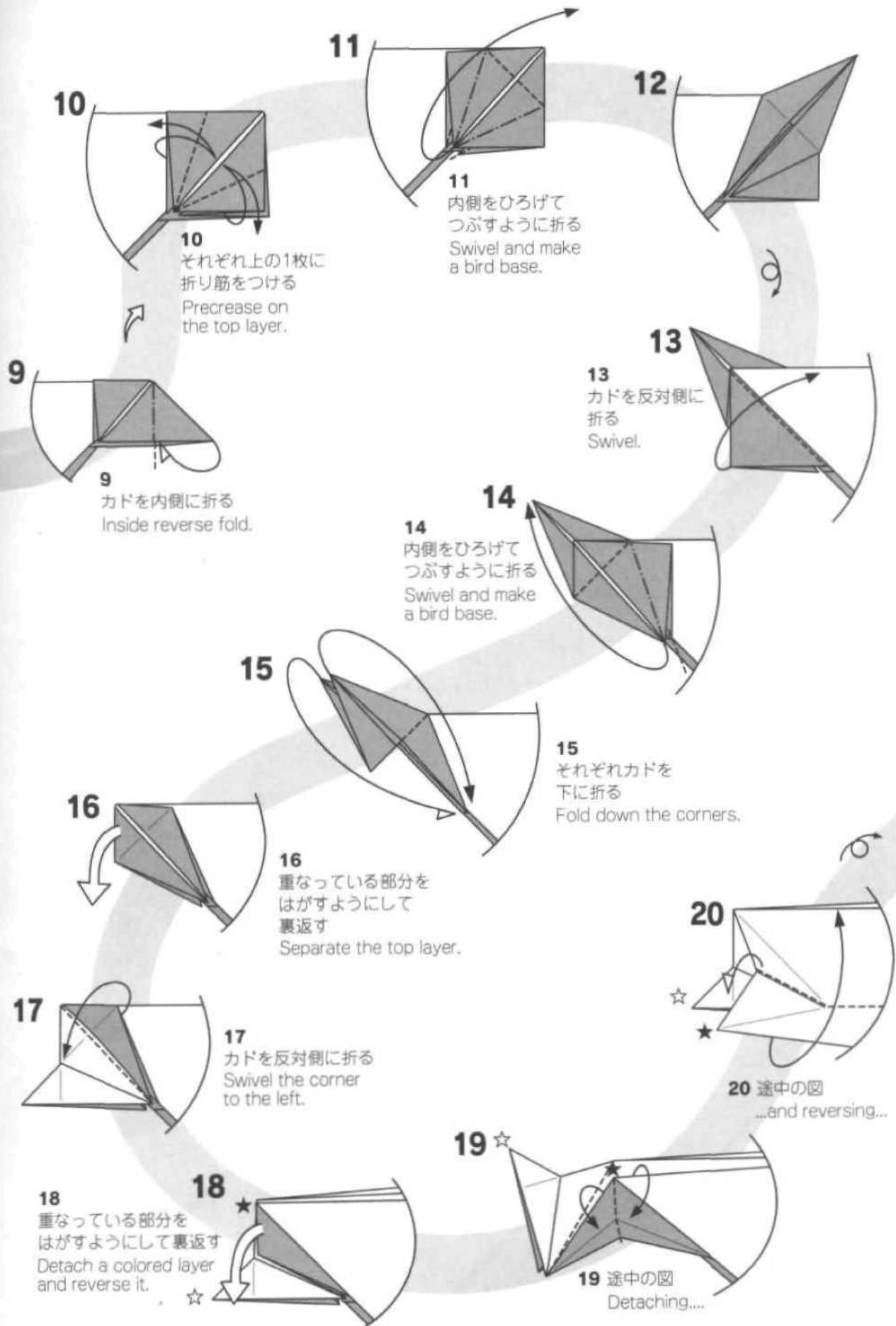
Inspired by Maekawa's famous "Devil", fingers in this work is an application of my own method (see "Crab"). The frog described here is a character in the first manga in Japan.



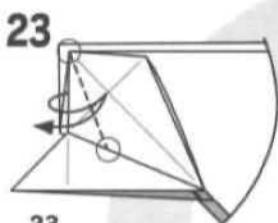
Created 1982 Paper 複合作品・2枚 : 2 pieces

[上半身] Upper Part of the Body

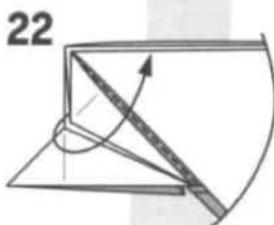




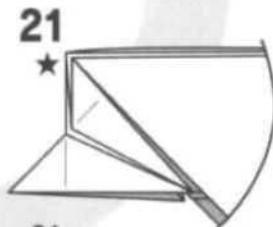
1 ファンタジー／鳥獣戯画の蛙



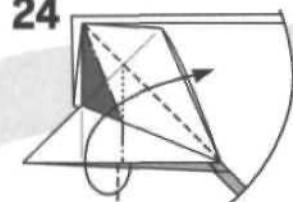
23
縁を折り筋に合わせて
折り筋をつける
Precrease along
the angle bisector.



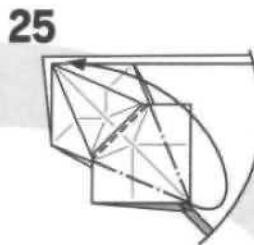
22
カドを反対側に折る
Swivel the top layer
to the right.



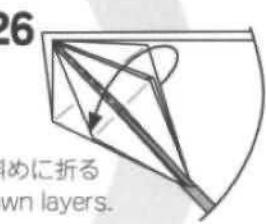
21
反対側も17~20と同じ
Repeat 17~20
on the back.



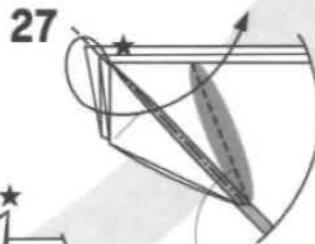
24
内側をひろげて
■の部分を
つぶすように折る
Open and squash
the lower corner and
the darkened part.



25
内側をひろげて
つぶすように折る
Swivel and fold
like a bird base.



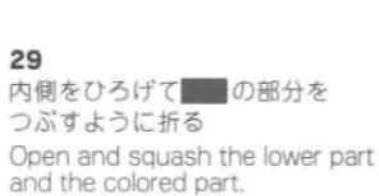
26
カドを斜めに折る
Fold down layers.



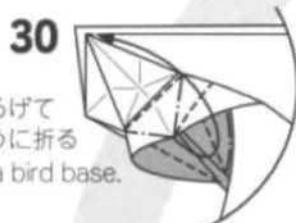
27
カドをつまむ
ように折る
Pinch and pull
the starred corner to the
right.



28
縁を
折り筋に合わせて
折り筋をつける
Fold along an angle bisector.



29
内側をひろげて■の部分を
つぶすように折る
Open and squash the lower part
and the colored part.

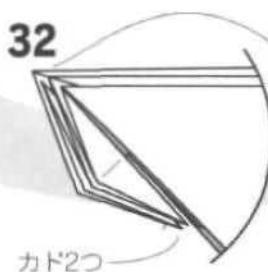


30
内側をひろげて
つぶすように折る
Fold like a bird base.

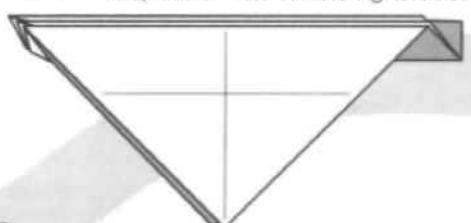
33
反対側も7~32と同じ
Repeat 7~32 on the right side.

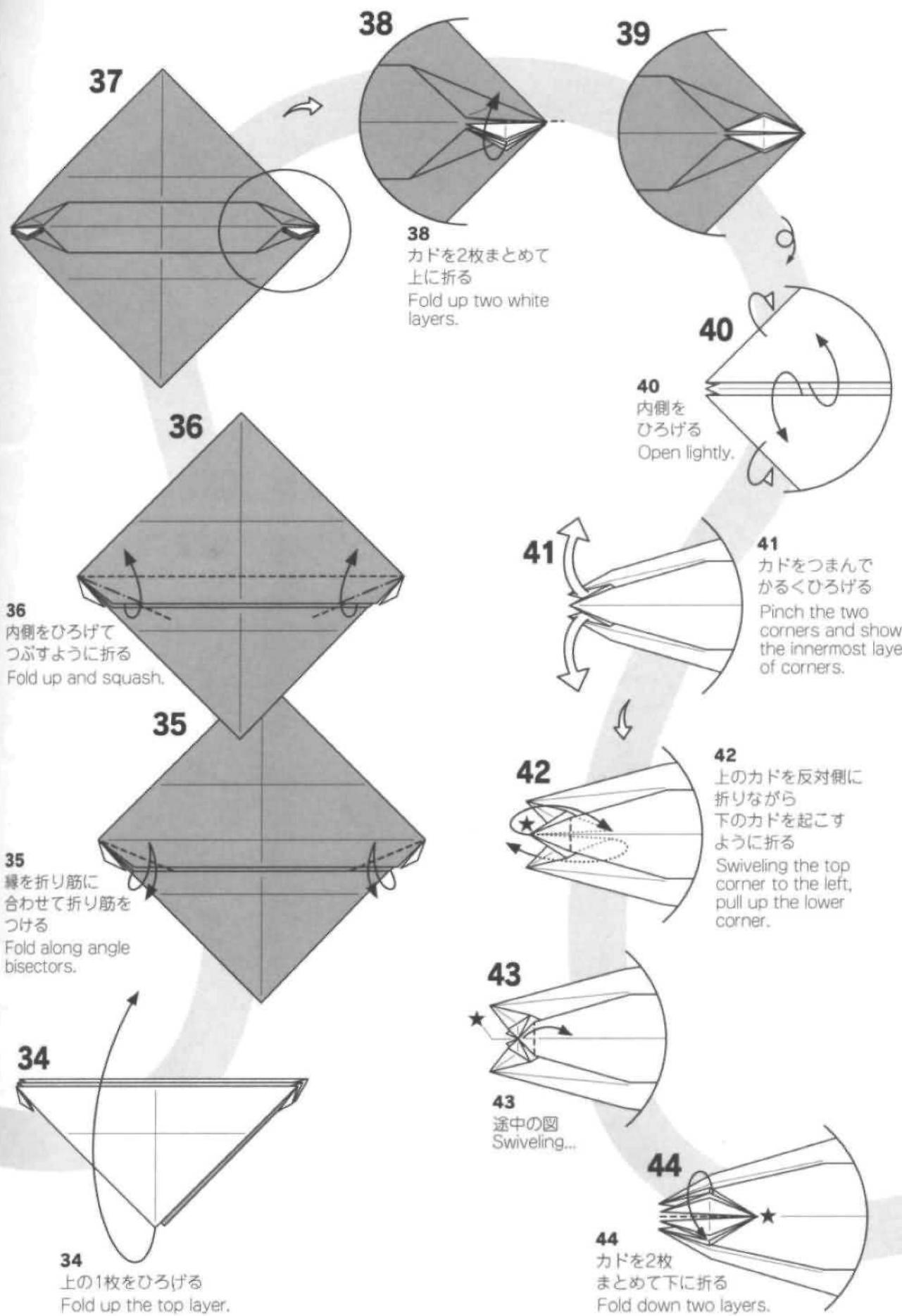


31
反対側も
22~30と同じ
Repeat 22~30
on the back.

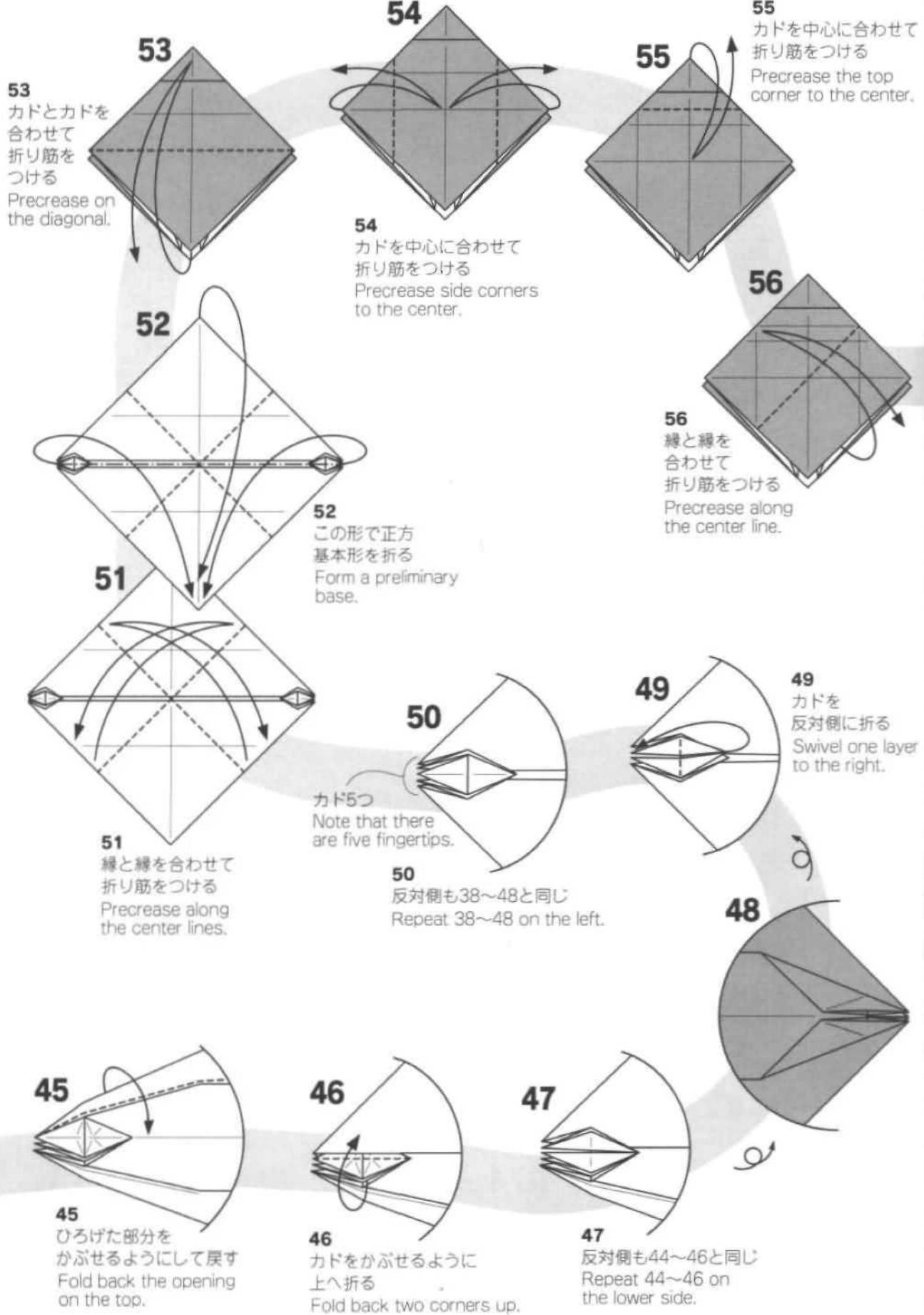


32
カド4つ
(真ん中の2つが重なっている)
Note that there are
four corners on the top,
of which two overlap each other,
and two corners on the bottom.

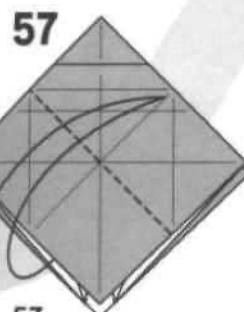
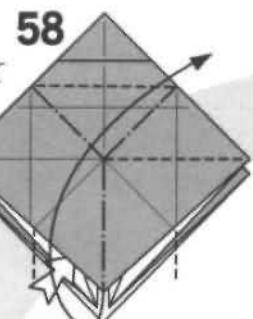




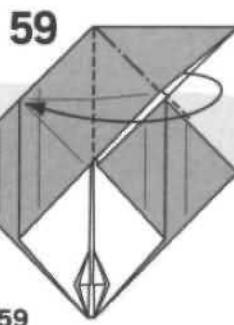
1 ファンタジー／鳥獣戯画の蛙



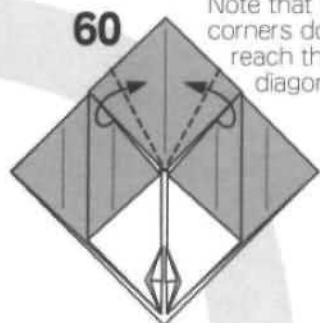
58
つけた折り筋を使って
内側をひろげて
つぶすように折る
Fold using the
precreases and
squash.



57
縁と縁を合わせて
折り筋をつける
Precrease along
the center line.

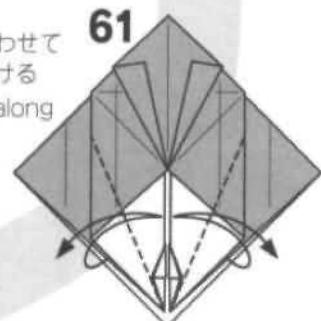


59
内側をひろげて
つぶすように折る
Open and squash.



60
カドを斜めに折る
Valley folds.
Note that the side
corners do not
reach the center
diagonal.

61
縁と縁を合わせて
折り筋をつける
Precrease along
the edges.

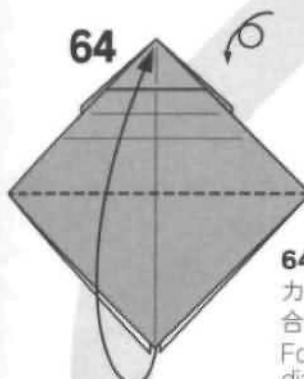


62

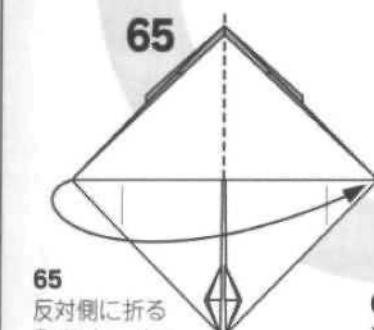
62
■の部分を内側に折る
Tuck the darkened parts
to the inside.



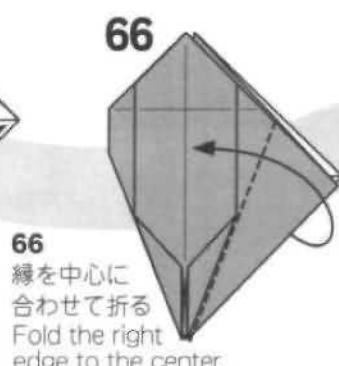
縁をすき間に
差し込む
Tuck the folded
edges under the
white fingertips.



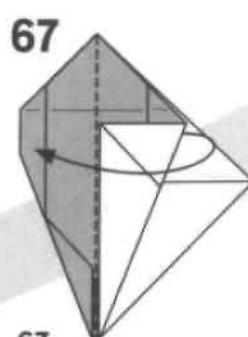
64
カドとカドを
合わせて折る
Fold up
diagonally.



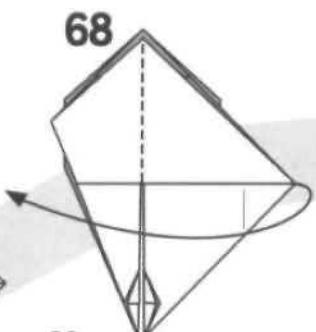
65
反対側に折る
Swivel to the
right.



66
縁を中心には
わせて折る
Fold the right
edge to the center.



67
カドを反対側に折る
Swivel to the left.

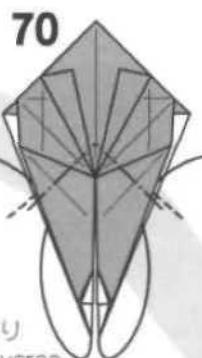
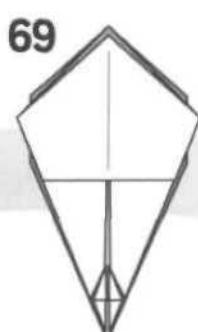
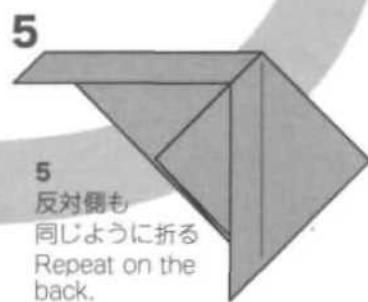
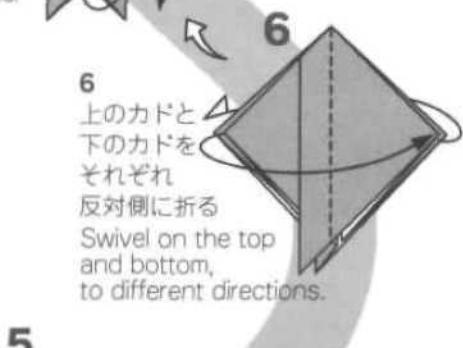
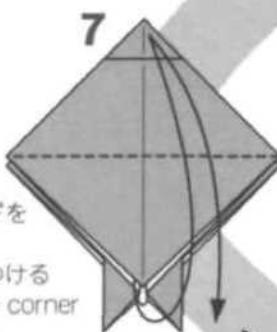
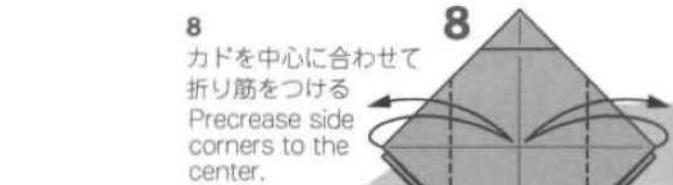
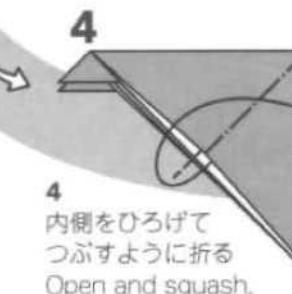
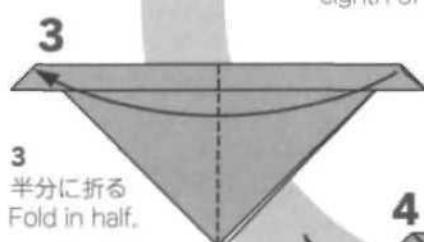
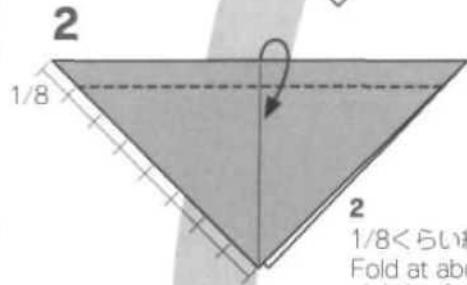
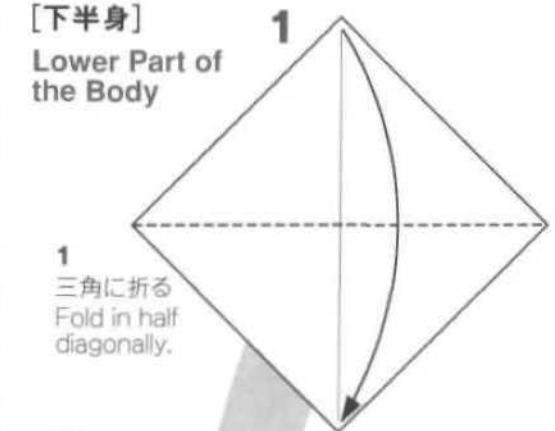


68
反対側も65~67と同じ
Repeat 65~67 on the
right side.

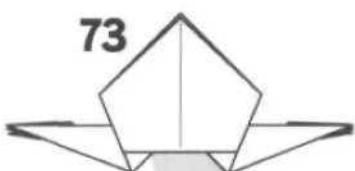
1 ファンタジー／鳥獣戯画の蛙

[下半身]

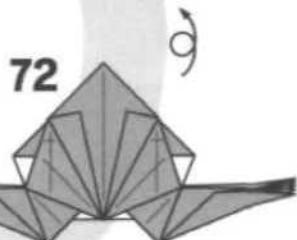
Lower Part of
the Body



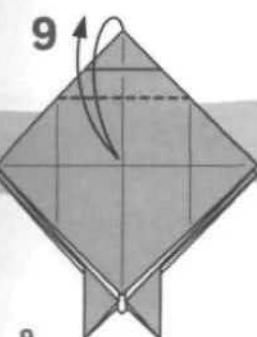
中わり折り
Inside reverse
fold.



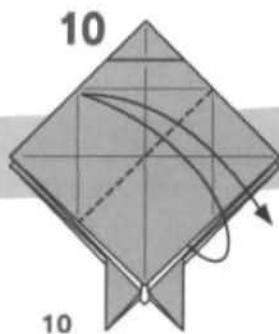
[上半身]のできあがり
[Upper Part] Completed



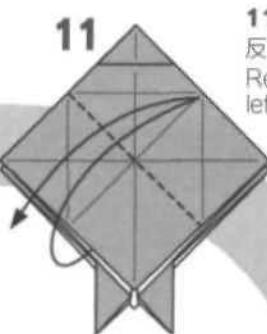
71 カドを内側に折る
Mountain folds.



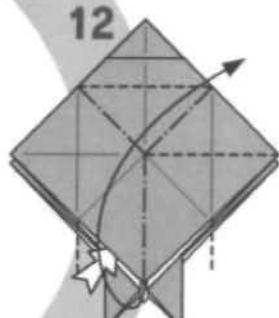
9
カドを中心に合わせて
折り筋をつける
Precrease the top
corner to the center.



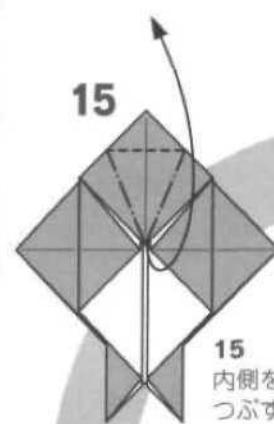
10
縁と縁を合わせて
斜めに折り筋をつける
Precrease edge to
edge.



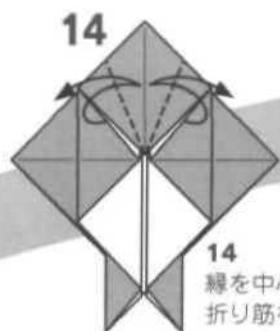
11
反対側も同じ
Repeat on the
left side.



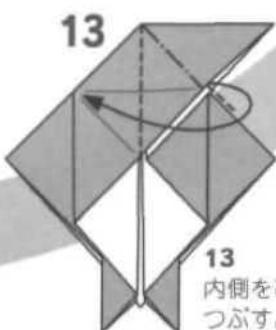
12
つけた折り筋を使って
内側をひろげて
つぶすように折る
Fold using precreases
and squash.



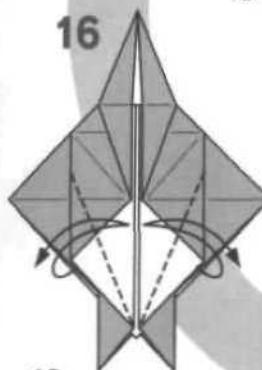
15
内側をひろげて
つぶすように折る
Swivel and
form a bird base.



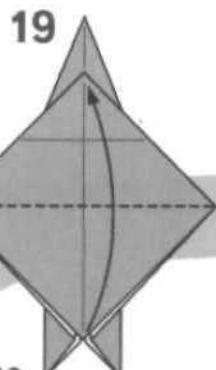
14
縁を中心に合わせて
折り筋をつける
Precrease so that
the lower side edges
align with the center
diagonal.



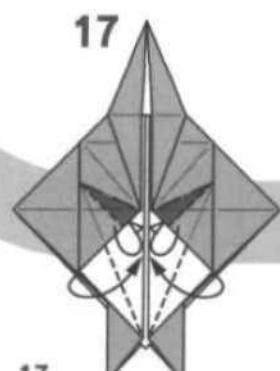
13
内側をひろげて
つぶすように折る
Open and squash.



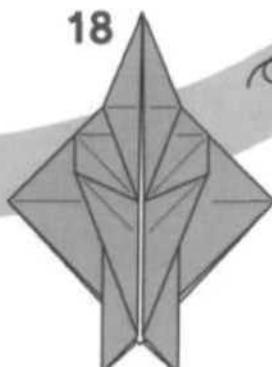
16
縁と縁を合わせて
折り筋をつける
Precrease so that
the lower edges
align with the
center line.



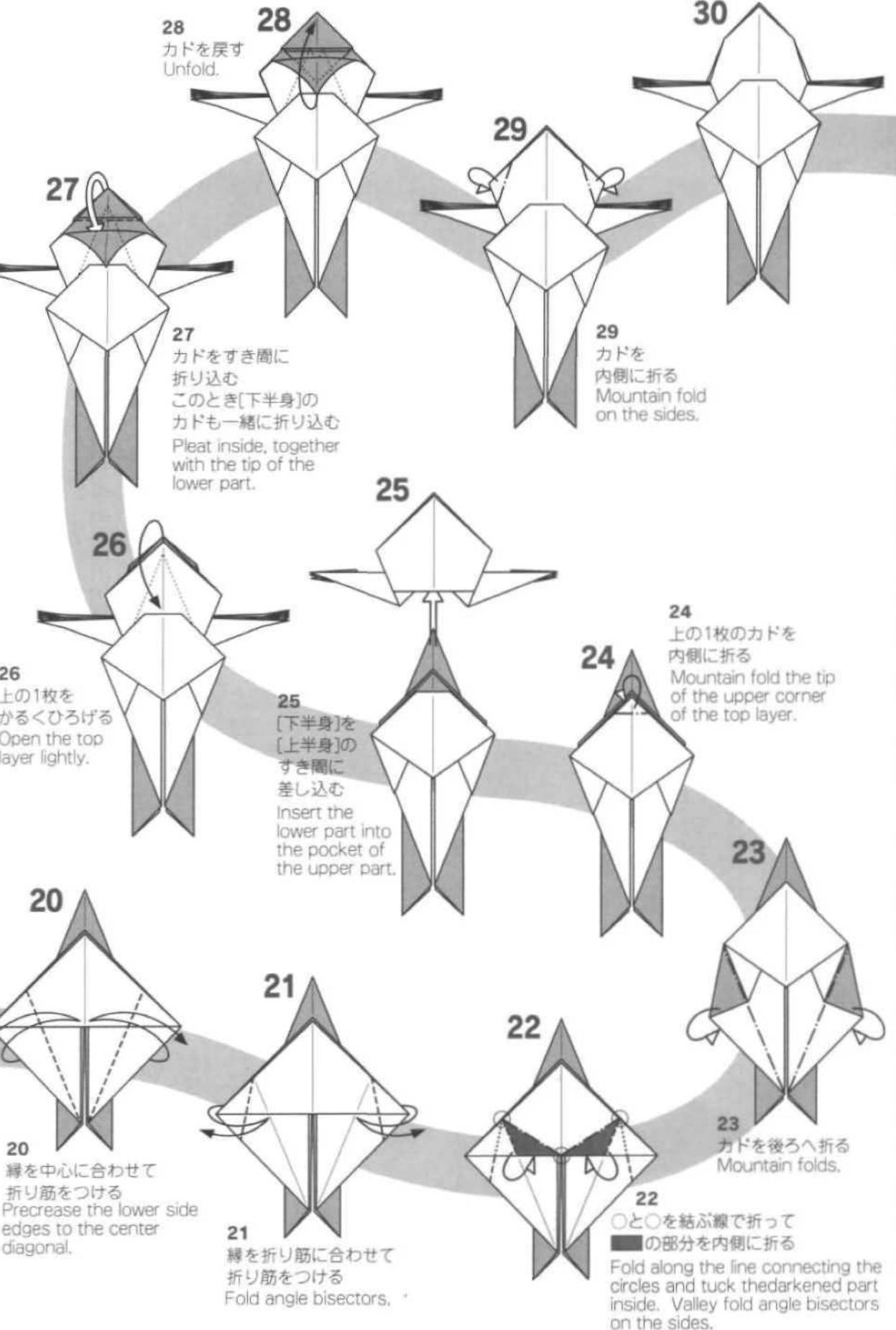
19
カドとカドを
合わせて折る
Fold up diagonally.

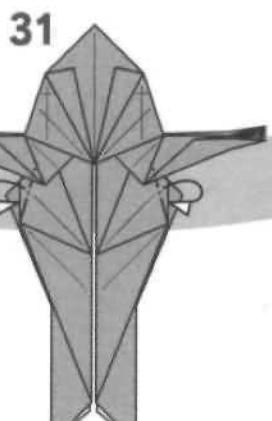


17
■の部分を内側に折る
Tuck the darkened part inside.

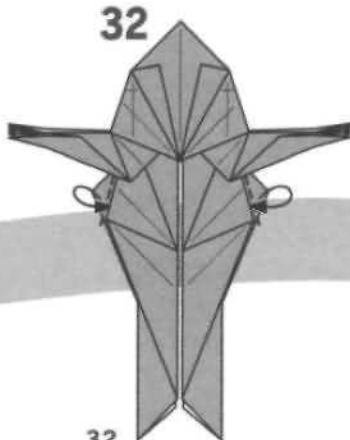


1 ファンタジー／鳥獣戯画の蛙

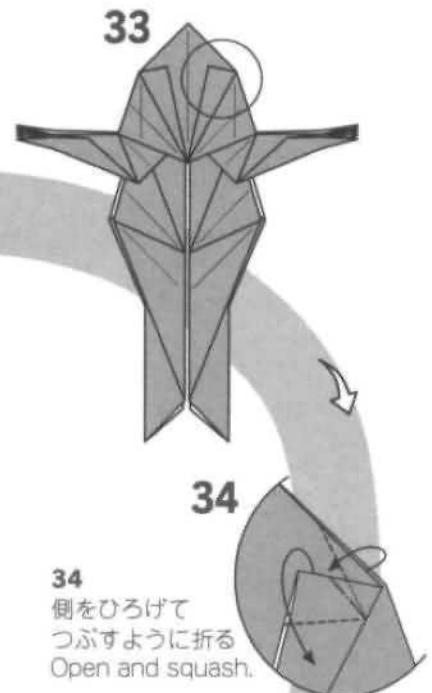




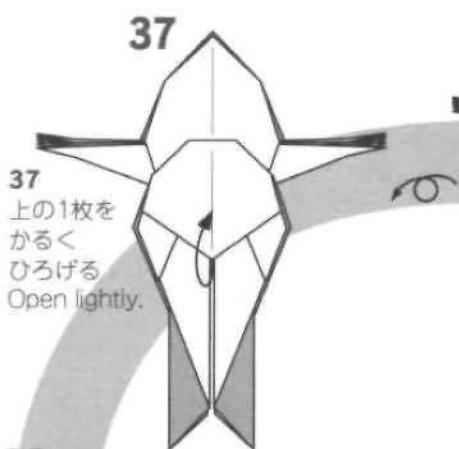
31
カドを内側に折る
Fold the corners of the body inside.



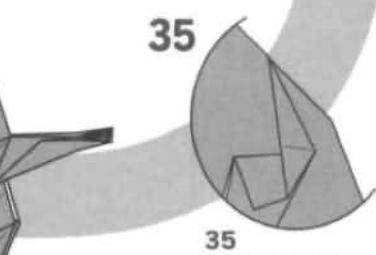
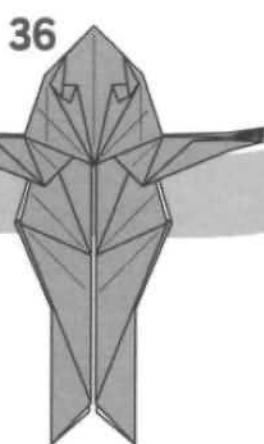
32
カドを内側に折る
Repeat on the other side.



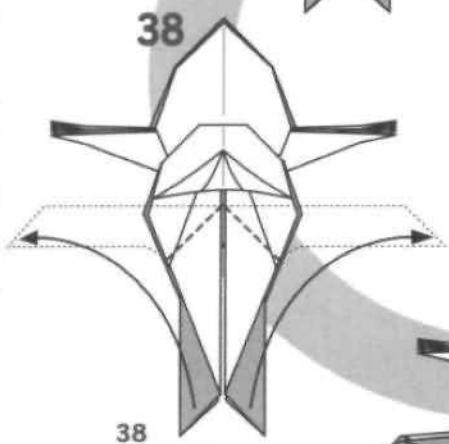
34
側をひろげて
つぶすように折る
Open and squash.



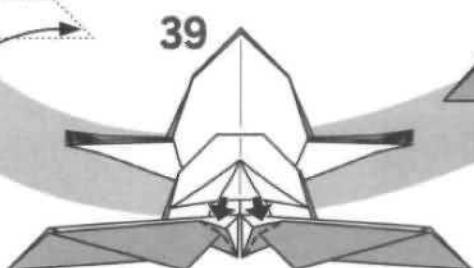
37
上の1枚を
かるく
ひろげる
Open lightly.



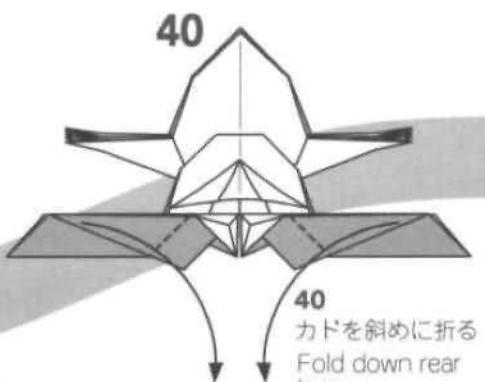
35
反対側も同じ
Repeat on the left side.



38
カドを横に
ひろげるように折る
Fold up the rear legs.

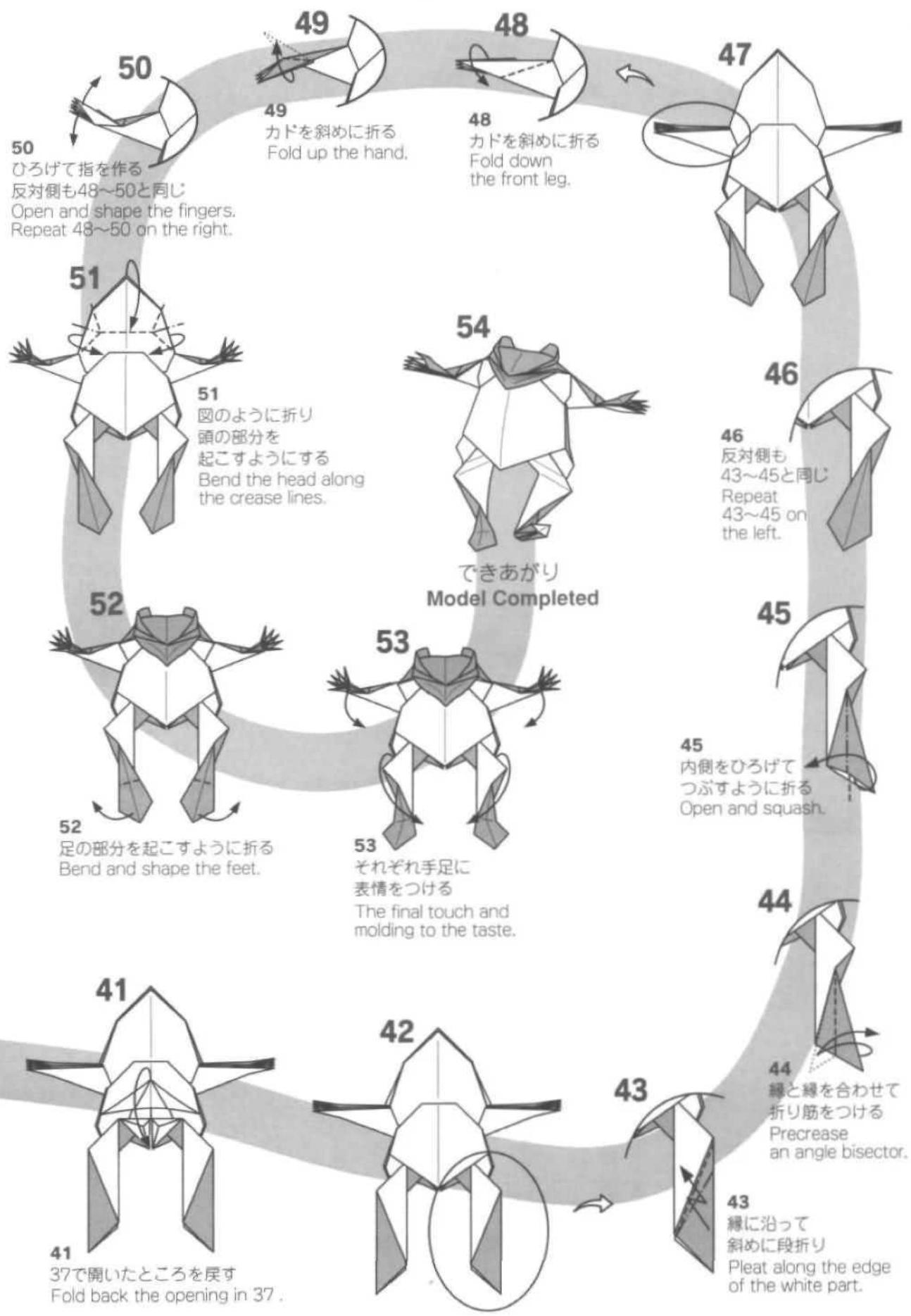


39
つられて持ち上がった部分を
つぶすように折る
Squash the small part between the rear legs.



40
カドを斜めに折る
Fold down rear legs.

1 ファンタジー／鳥獣戯画の蛙



ウサギ

Rabbit

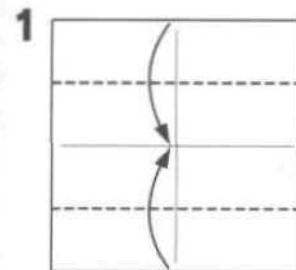
"ちょっと振り返る動物"3種(本作・カンガルー・パンダ)は、ほぼ同時期に創作したもので。イラストチックな仕上がりを目指したのに加え、複合作品を作るにあたっての、ささやかな狙いを定めました。複合作品は角の数を容易に揃える手段と見る傾向がありますが、本連作に対する作者の思いは違うところにありました。

A series of three animals turning back (Rabbit, Kangaroo, and Panda) are created at about the same time. Besides their caricaturistic appearances, I was thinking of something new when I decided that I would make them modular. (Continued ...)

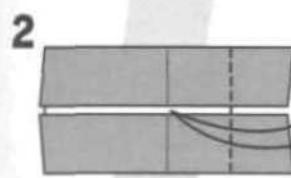


Created 1982 Paper 複合作品・2枚 : 2 pieces

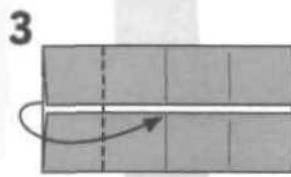
[体] Body



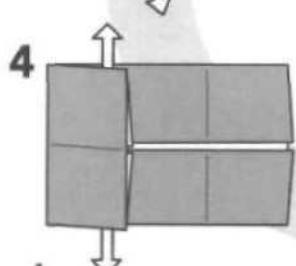
1 縁を中心に
合わせて折る
Valley fold edges to the center.



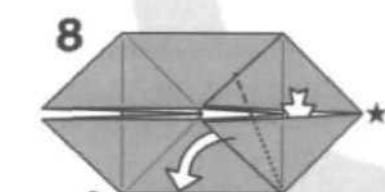
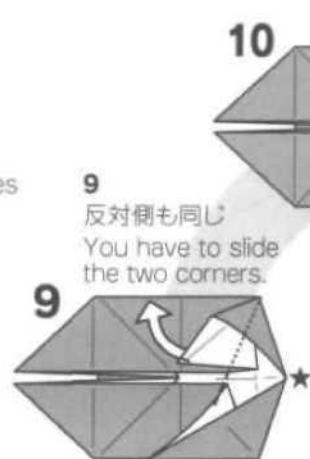
2 縁を中心に
合わせて
折り筋をつける
Precrease the
right edge to the center.



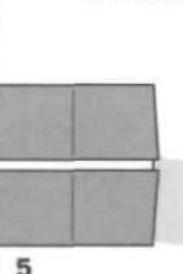
3 縁を中心に
合わせて折る
Fold the left edge to the center.



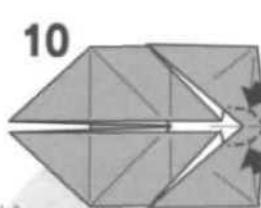
4 内側のカドを引き出して
つまむように折る
Pull out the
hidden layers.



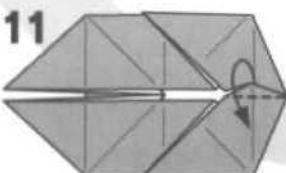
5 開くところで
カドを折る
Swivel corners.



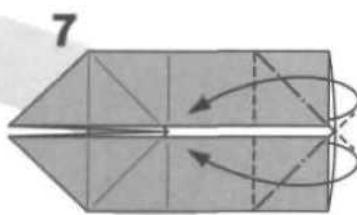
6 縁と縁を合わせて
折り筋をつける
Precrease so
that the right
edges meet the
horizontal center
line.



9 反対側も同じ
You have to slide
the two corners.



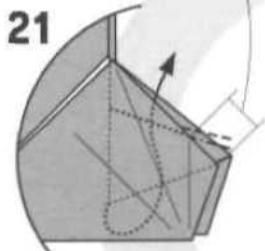
10 カドをつまんでつぶす
Pinch the top corner
(starred in 8) and
squash the rest.



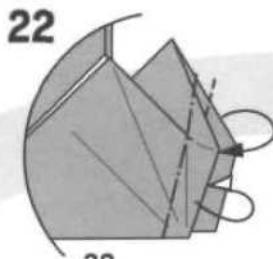
11 下に倒す
Fold down.

2 動物／ウサギ

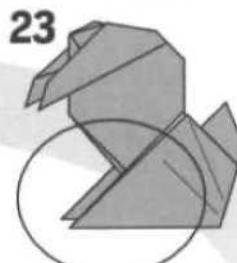
カドから少し離した
ところで中わり折り
Inside reverse fold
the inner corner.
Leave some length
untouched in the rear.



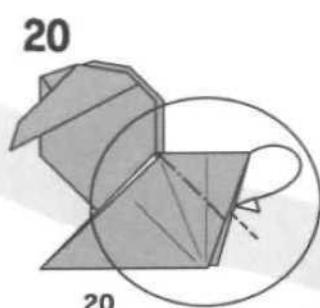
21
内側のカドを
中わり折りして
少し立体的にする
The outcome will become
three-dimensional.



22
カドを内側に折る
Mountain fold the rear.
Repeat on the other side.



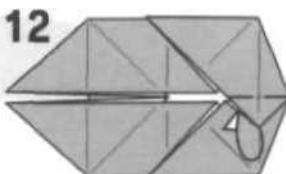
24
後ろへ斜めに折る
Mountain fold to
form the foot.



20
カドを内側に折る
Inside reverse fold.



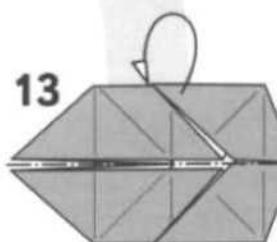
19
カドを内側に折る
Mountain fold the
tips of the corners.



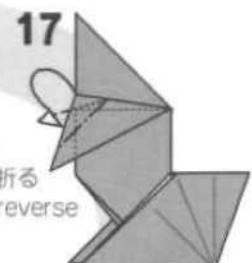
12
カドを内側に折る
Tuck the corner
inside.



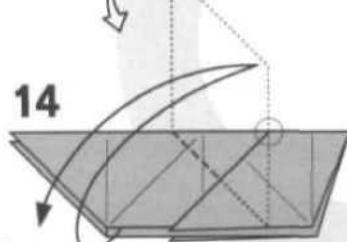
18
反対側も
16~17と同じ
Repeat 16~17 on
the other side.



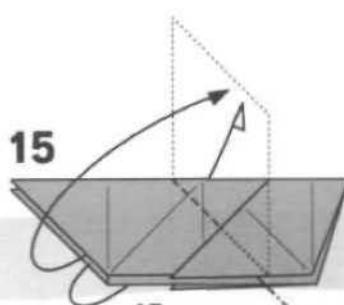
13
後ろへ半分に折る
Mountain fold in
half.



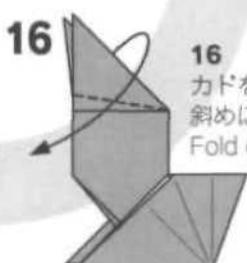
17
カドを
内側に折る
Inside reverse
fold.



14
線を○のところに
合わせて折り筋をつける
Precrease so that the bottom
edge touches the circled point.



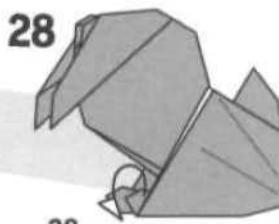
15
つけた折り筋で
かぶせ折り
Outside reverse fold.



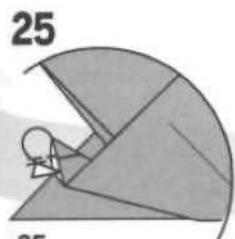
16
カドを
斜めに折る
Fold down.



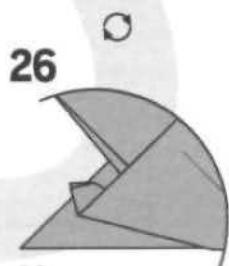
27
カドを内側に折る
Inside reverse fold.



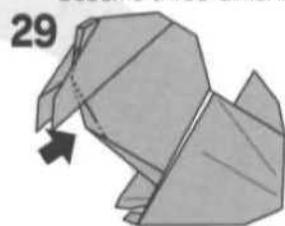
28
後ろ足の部分を
平らにして立たせる
反対側も同じ
Pull down the feet
so that it stands.



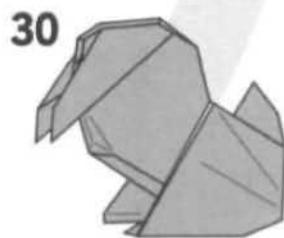
25
カドを内側に折る
Inside reverse fold.



26
反対側も24~25と同じ
Repeat 24~25 on the
other foot.

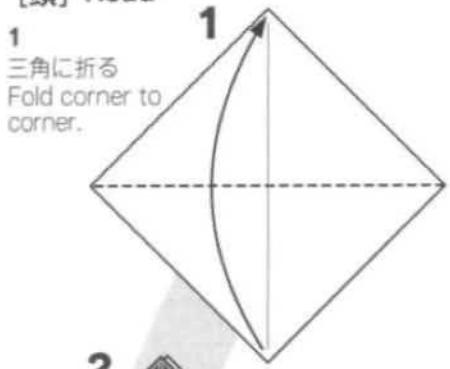
**29**

黒矢印の部分を押し込んで
内側をひろげて立体的にする
Mold the arrowed part to
your taste so that it will
become three-dimensional.

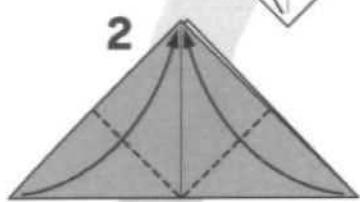


[体]のできあがり
[Body] Completed

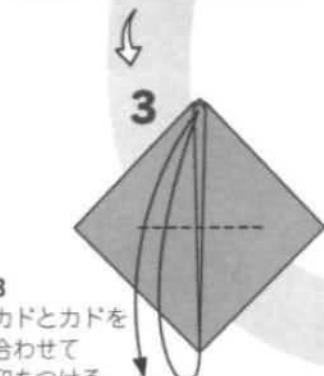
[頭] Head



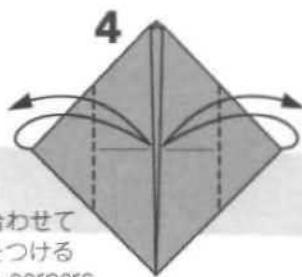
1
三角に折る
Fold corner to corner.



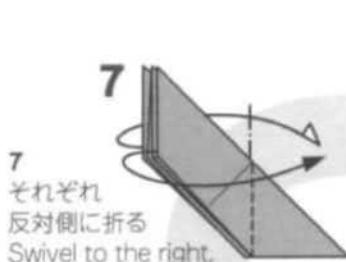
2
カドとカドを
合わせて折る
Fold side corners to
the top corner.



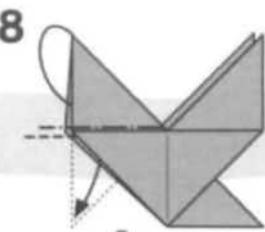
3
カドとカドを
合わせて
印をつける
Mark the center along
the diagonal.



4
カドを
中心に合わせて
折り筋をつける
Fold the corners
to the mark.



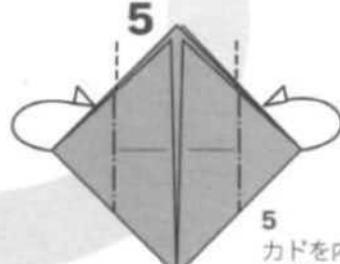
7
それぞれ
反対側に折る
Swivel to the right.



8
縁のところで
中わり折り
Inside reverse fold.

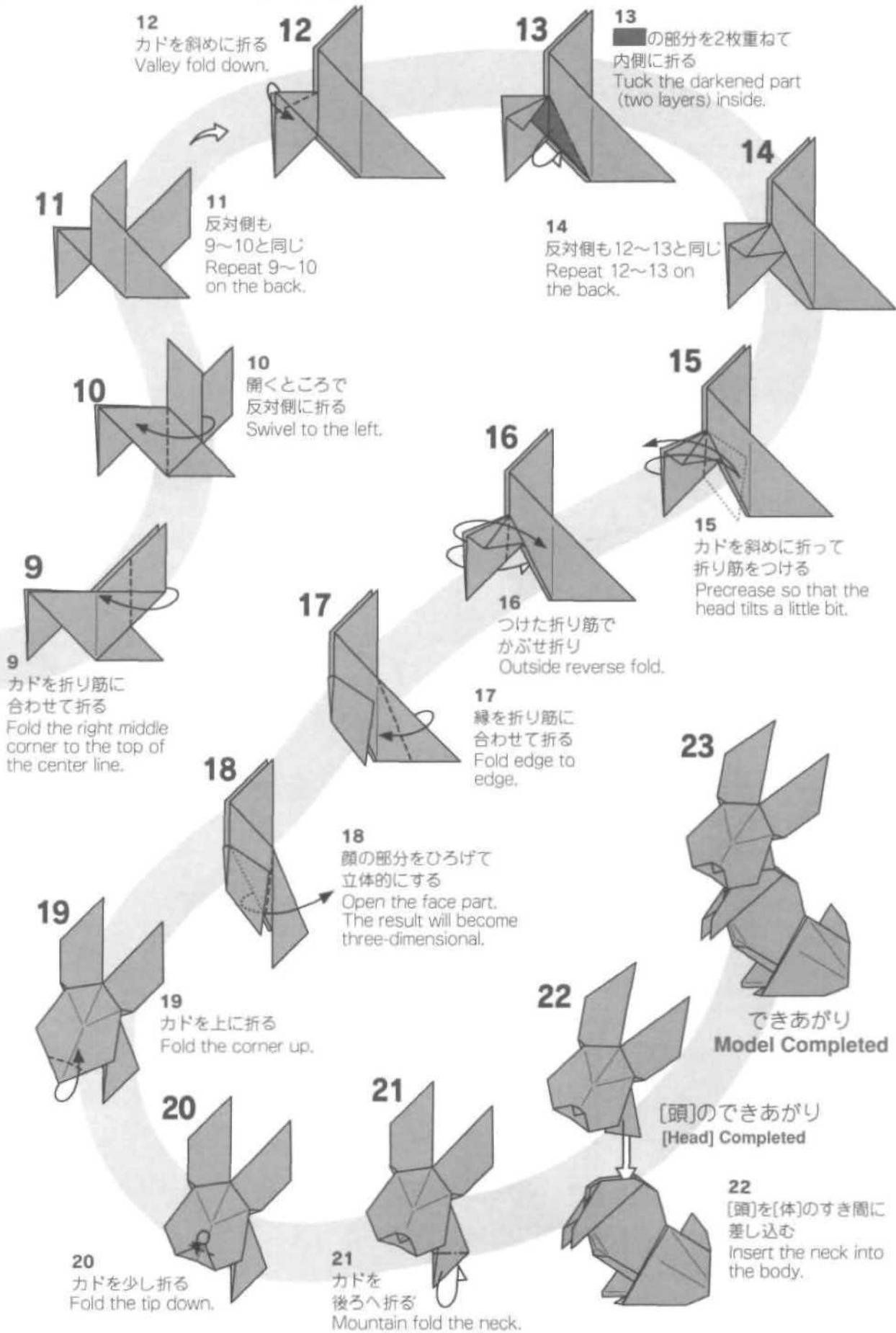


6
後ろへ半分に折る
Mountain fold in half.



5
カドを内側に折る
Inside reverse
folds.

2 動物／ウサギ



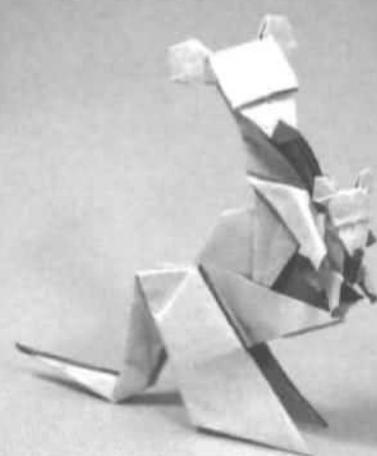
カンガルー

Kangaroo

ウサギ、カンガルー、パンダはそれぞれの下半身だけを見ると、それが何だかわからない不可思議な形をしています。気の向くままに折っていると、何にも見えなくとも、何とも魅力を感じる形に出会うことがあります。何だかわからない、でも何となく魅力的と感じる形を作品に定着させる方法として複合を捉え始めたのがこの頃です。

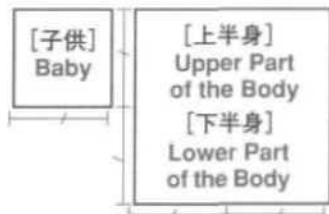
(Continued from notes on "Rabbit")

The three animals' lower parts are all of the shapes from which we cannot imagine what they are a part of. However, they are all of attractive shapes at the same time. A modular approach can provide you with a way to give such shapes their lives by combining them with something else.



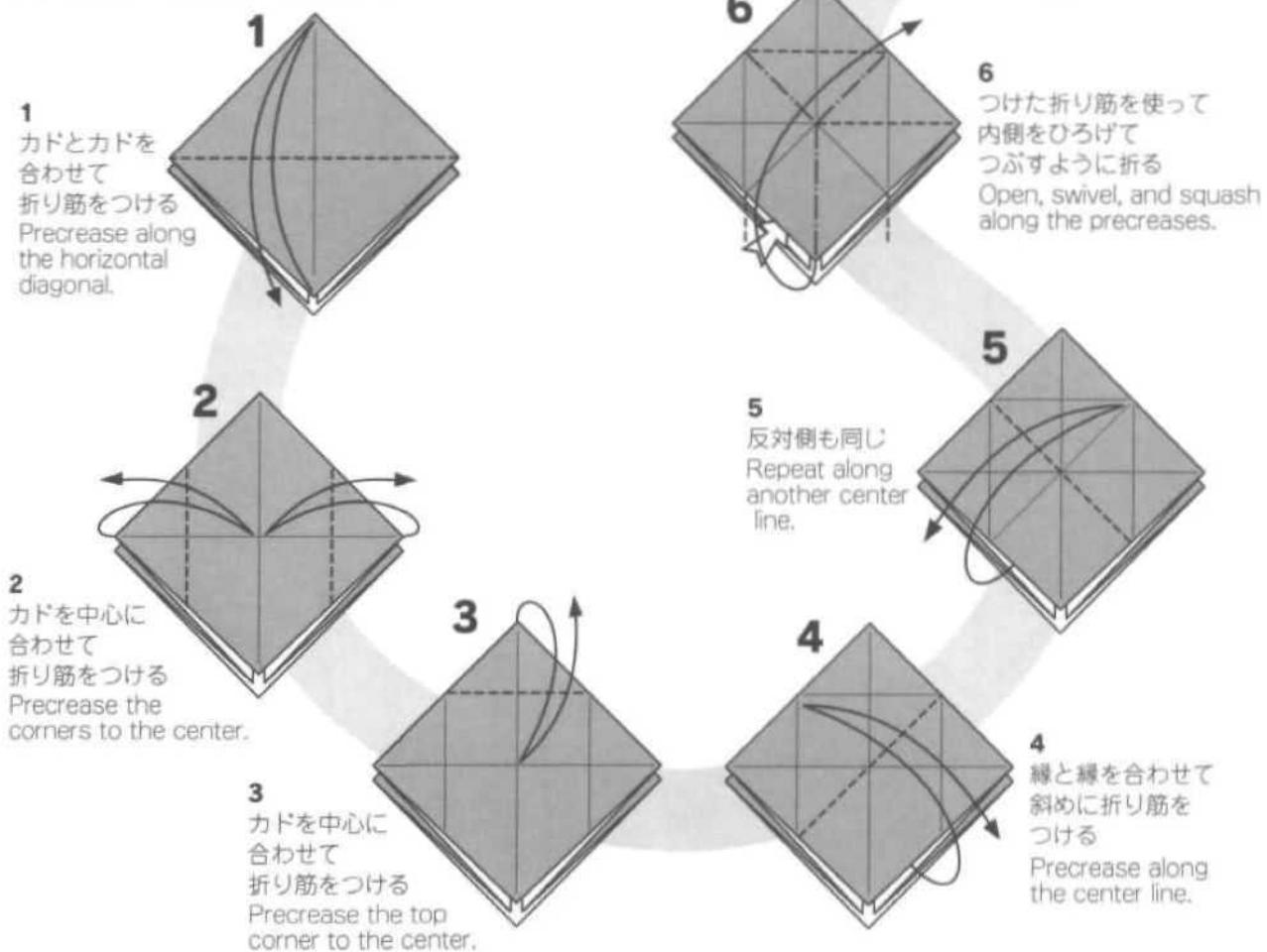
Created 1984 Paper 複合作品・3枚 : 3 pieces

[紙の比率]
Paper Size

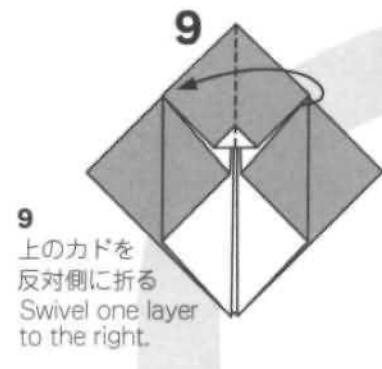


[上半身] Upper Part of the Body

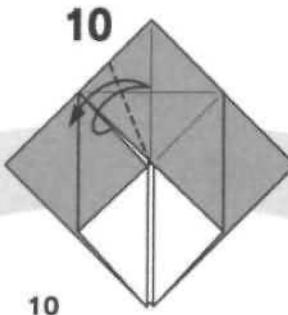
P. 8 [正方基本形] からはじめる
Start with [Preliminary Base]. (P. 8)



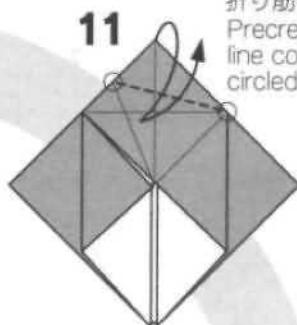
2 動物／カンガルー



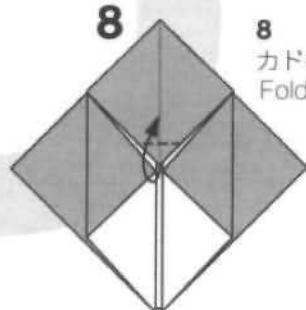
9
上のカドを
反対側に折る
Swivel one layer
to the right.



10
縁を中心^に合わせて
折り筋をつける
Precrease the left
edge to the diagonal.

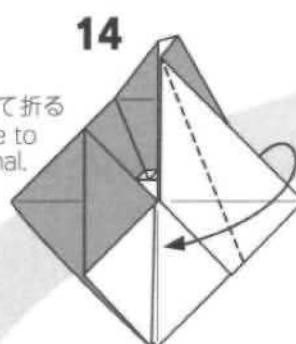
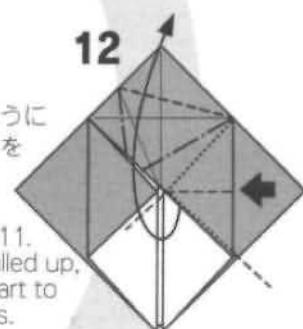


11
上の1枚だけ
○と○を結ぶ線で
折り筋をつける
Precrease along the
line connecting the
circled points.

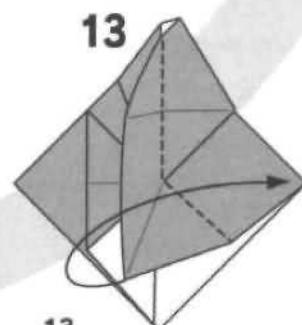


8
カドを少し上に折る
Fold up the tip.

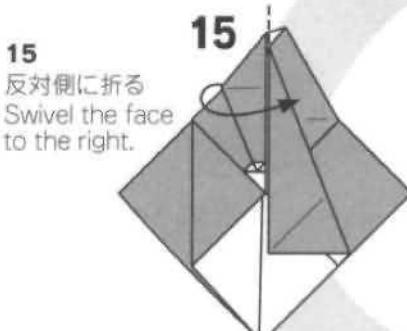
12
11でつけた折り筋で
内側をひろげてつぶすように
折りながら黒矢印の部分を
押し込むようにする
Open and swivel along
the precrease made in 11.
The top layer will be pulled up,
so push the arrowed part to
the left as far as it goes.



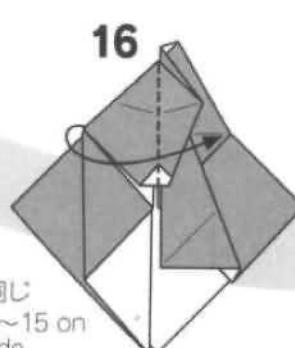
14
縁を中心^に合わせて折る
Fold the top edge to
the center diagonal.



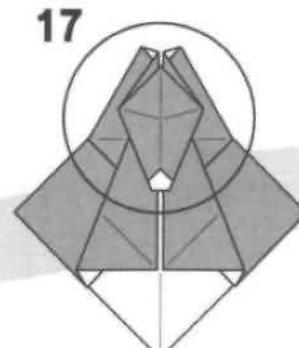
13
つられて上がった部分を
つぶすように折る
Fold the pulled-up part to
the right, so the whole
thing will be flat.



15
反対側に折る
Swivel the face
to the right.



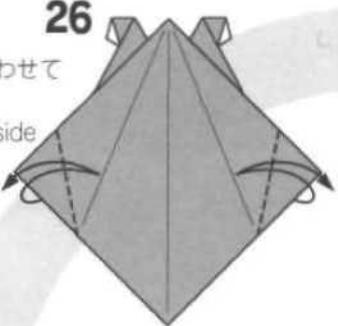
16
反対側も
9～15と同じ
Repeat 9～15 on
the left side.



26

縁を折り筋に合わせて
折り筋をつける
Precrease the side corners to the
crease lines made in 25.

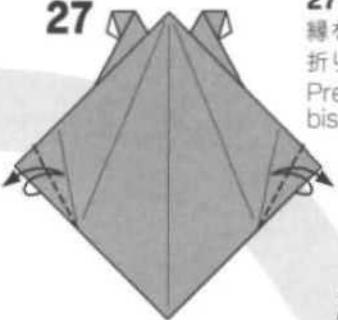
26



27

縁を折り筋に合わせて
折り筋をつける
Precrease along angle
bisectors.

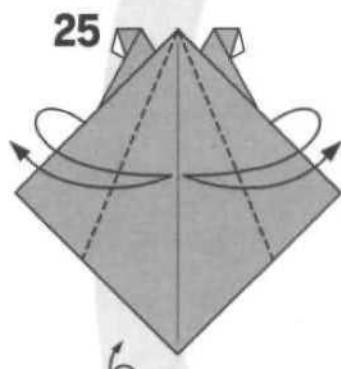
27



25

25

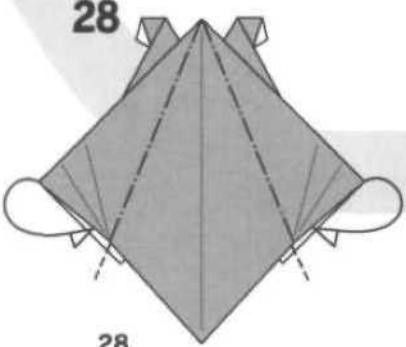
縁を中心にはわせて
折り筋をつける
Precrease the edges to
the center diagonal.



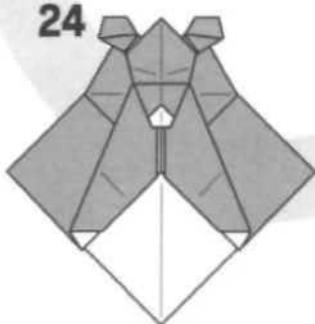
28

28

カドを内側に折る
Inside reverse folds.

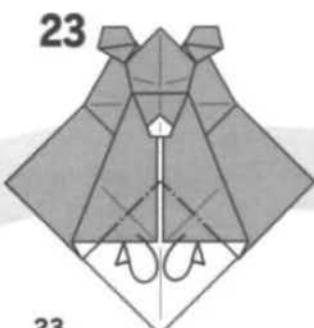


24

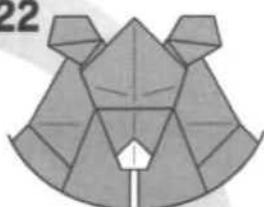


23

カドを下の縁のところで
内側に折る
Mountain folds
along the edges.



22



21

縁のところで
内側に折る
Mountain folds
along the edges.

18

下の折り筋のところで
折り筋をつける
Precrease along the
crease line on the
lower layer.

19

内側に段折り
Pleat inside.

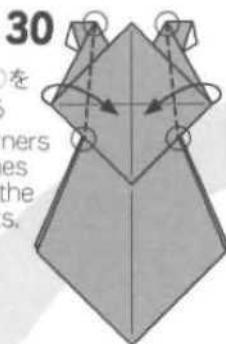
20

中わり折り
Inside reverse folds.

2 動物／カンガルー

30

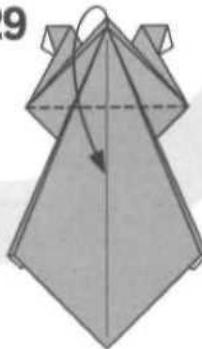
カドを○と○を
結ぶ線で折る
Fold the corners
along the lines
connecting the
circled points.



29

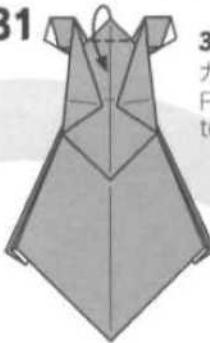
29

カドをひらくところで下に折る
Swivel the top layer as far as
it goes.

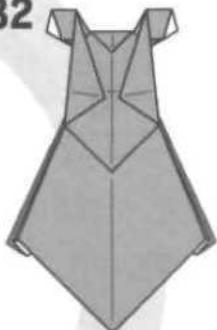


31

カドを下に折る
Fold down the
top of the head.



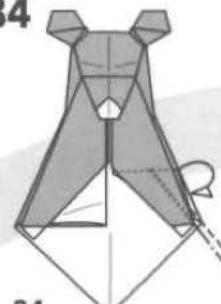
32



34

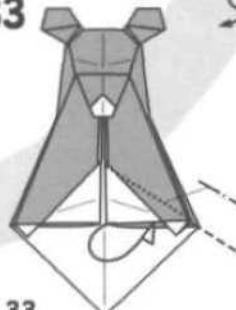
34

ついている折り筋で
縁と縁を合わせて
カドを内側に折る
Inside reverse fold
along the precreases.



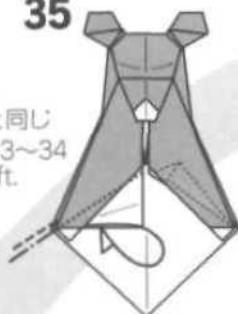
33

ついている折り筋で
縁と縁を合わせて
カドを内側に折る
Inside reverse fold
along the precreases.



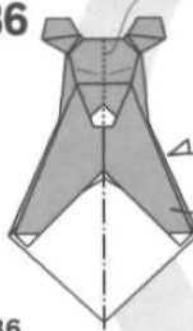
35

35
反対側も
33～34と同じ
Repeat 33～34
on the left.



36

この部分は
内側だけ折る
Do not fold
the head.



36

後ろへ半分に折る
Mountain fold
in half.

38

内側の縁に合わせて
中わり折り
Inside reverse fold
along the inner edges.

39

開くところで
カドを斜めに折る
Swivel up.

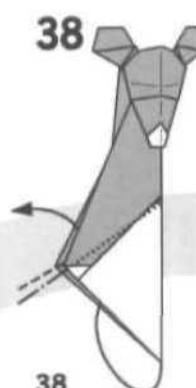
37

37
後ろへ軽く折って
立体的にする
Pinch the face a
little, so that it
becomes a
three-dimensional.



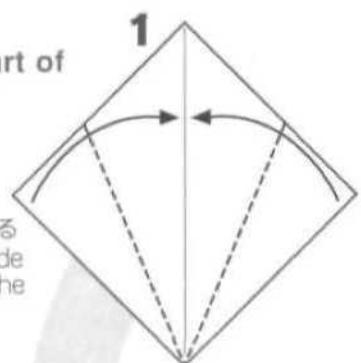
38

内側の縁に合わせて
中わり折り
Inside reverse fold
along the inner edges.

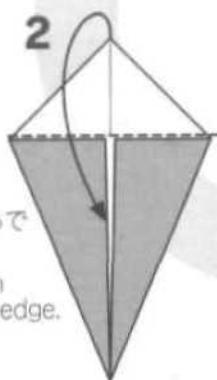


[下半身]
Lower Part of
the Body

1 縁を中心に
合わせて折る
Fold the side corner to the diagonal.



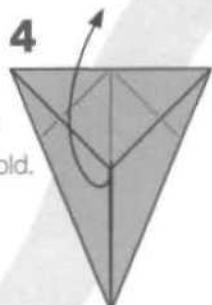
2 縁のところで
折る
Fold down
along the edge.



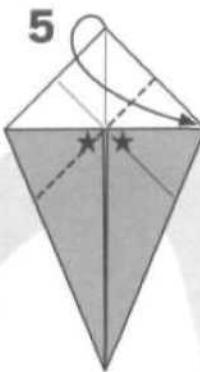
3 縁を中心に
合わせて
折り筋をつける
Fold the corners
to the center line.



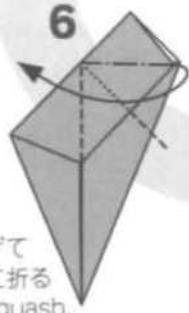
4 戻す
Unfold.



5 3でつけた
折り筋を使って
カドとカドを
合わせて折る
Fold along the
crease line
made in 3.



6 内側をひろげて
つぶすように折る
Open and squash.

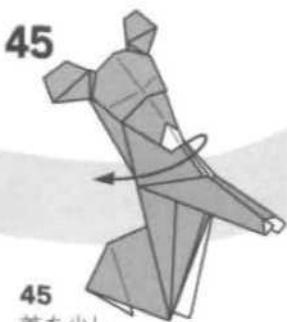


46



[上半身]の
できあがり
[Upper Part]
Completed

45



45 首を少し
カーブさせる
Bend the neck.

44



44 つけた折り筋と
縁の交点のところで
中わり折り
Inside reverse fold at
the end of the crease
line made in 43.

43

カドを縁に合わせて
折り筋をつける
Precrease so that the
corner at the bottom
touches the middle
edge below the arm.



41

縁と縁を合わせて
後ろへ折る
Mountain fold
edge to edge.

40

縁を折り筋に
合わせて折る
Fold down along
the crease line.

40



41



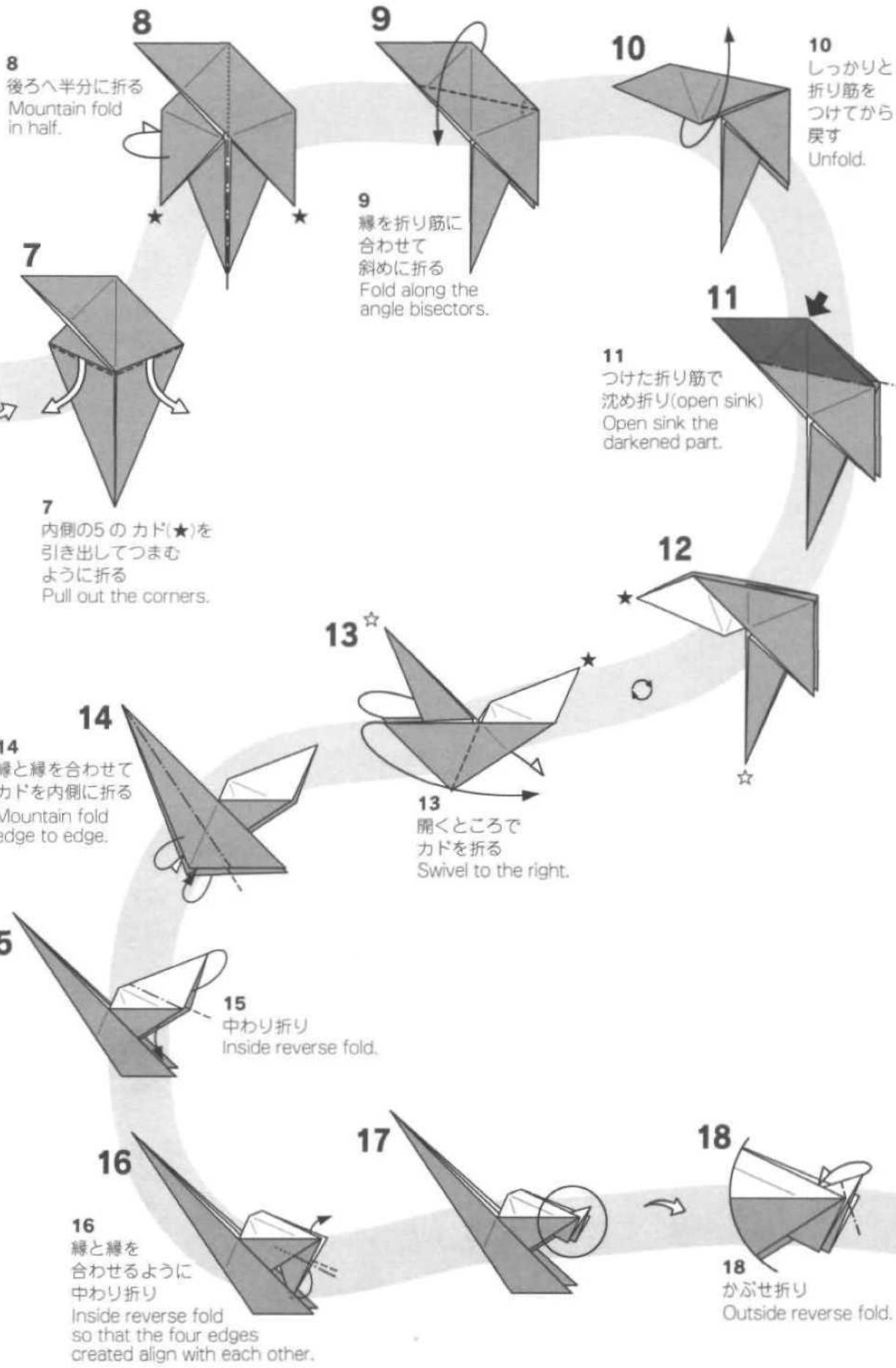
42



42

反対側も39~41と
同じ
Repeat 39~41 on
the other arm.

2 動物／カンガルー



[組み立て方]

Assembly



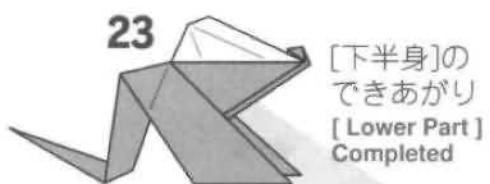
1
上半身のカドを
下半身の部分の
すき間に差し込む
Insert the bottom
corners of the upper
part into the pockets
on the top of the
lower part.



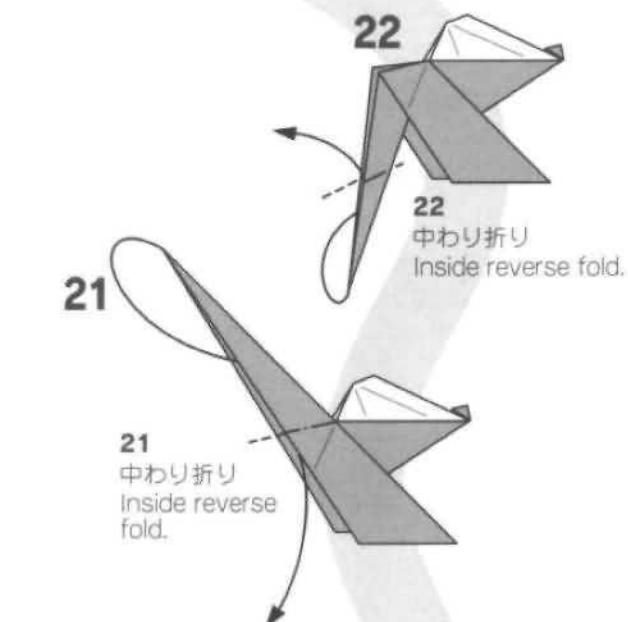
2
途中の図
カドをすき間に
差し込む
Inserting...



3
袋の部分を
立体にする
Make the pouch
three-dimensional.



23
[下半身]の
できあがり
[Lower Part]
Completed



21
中わり折り
Inside reverse fold.

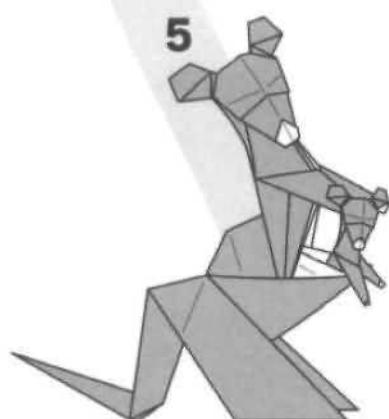
22
中わり折り
Inside reverse fold.



4
1/4の紙でもう一つ
上半身を作り
袋の部分に差し込む
Make the upper part
of a young with a
sheet of the quarter
size and insert it into
the pouch.



19
縁のところで
カドをすき間に
折り込む
Tuck the corners
into the slots.



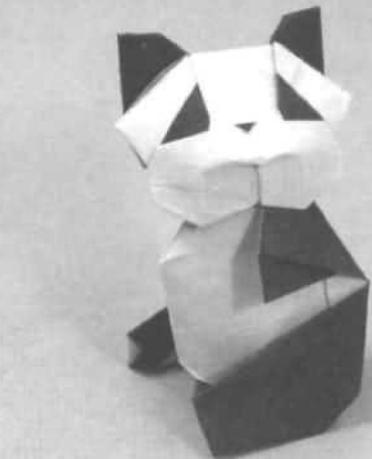
できあがり
Model Completed

パンダ

Panda

正方形を2回“きっちり折り”して出来る形を幾つか考えてみましょう。図3のシルエットを真っ先に考える人は希です。この折り出しを作品に定着させたいとの思いが、パンダの下半身に結びついています。TVチャンピオンで、このパンダの顔を「話しかけているみたい」と評してくれた女の子の言葉が忘れられません。

Can you imagine the shape of 3 can be obtained by only two folds from a square? When I created Panda, I wanted to give this wondrous shape a life in origami. I still remember a girl commenting on this Panda that it looks like talking to her, when I displayed it for a TV program.



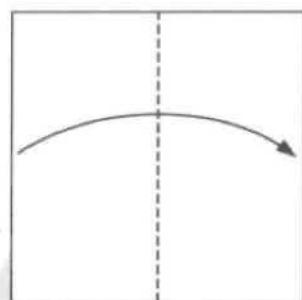
Created 1982 Paper 複合作品・2枚 : 2 pieces

[体] Body

[頭]が15×15cmの場合、
[体]は18×18cmの紙で
折ると良い

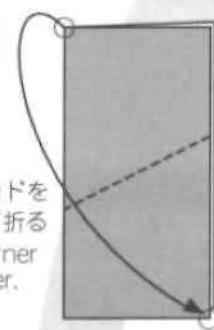
When using a 15cm × 15cm sheet for the head,
the body should be
folded with 18cm × 18cm.

1



1
半分に折る
Fold in half.

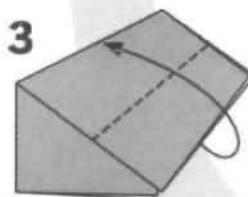
2



2

カドとカドを
合わせて折る
Fold corner to corner.

3

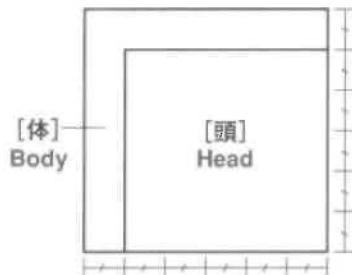


3
縁と縁を合わせて折る
Fold edge to edge.

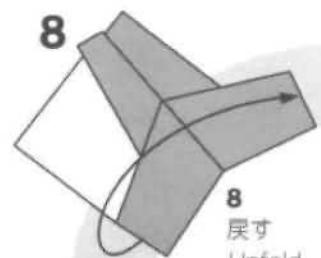
4

しっかりと
折り筋を
つけてから
2の形まで戻す
Unfold to 2.

[紙の比率] Paper Size

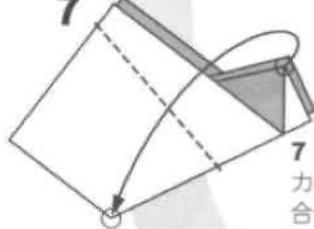


8



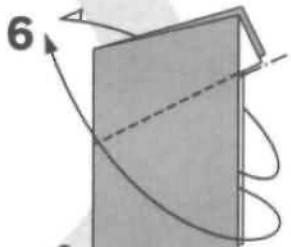
8
戻す
Unfold.

7



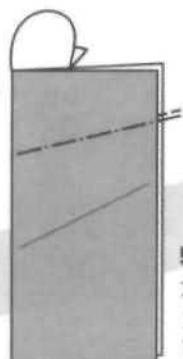
7
カドとカドを
合わせて折る
Fold corner to corner.

6

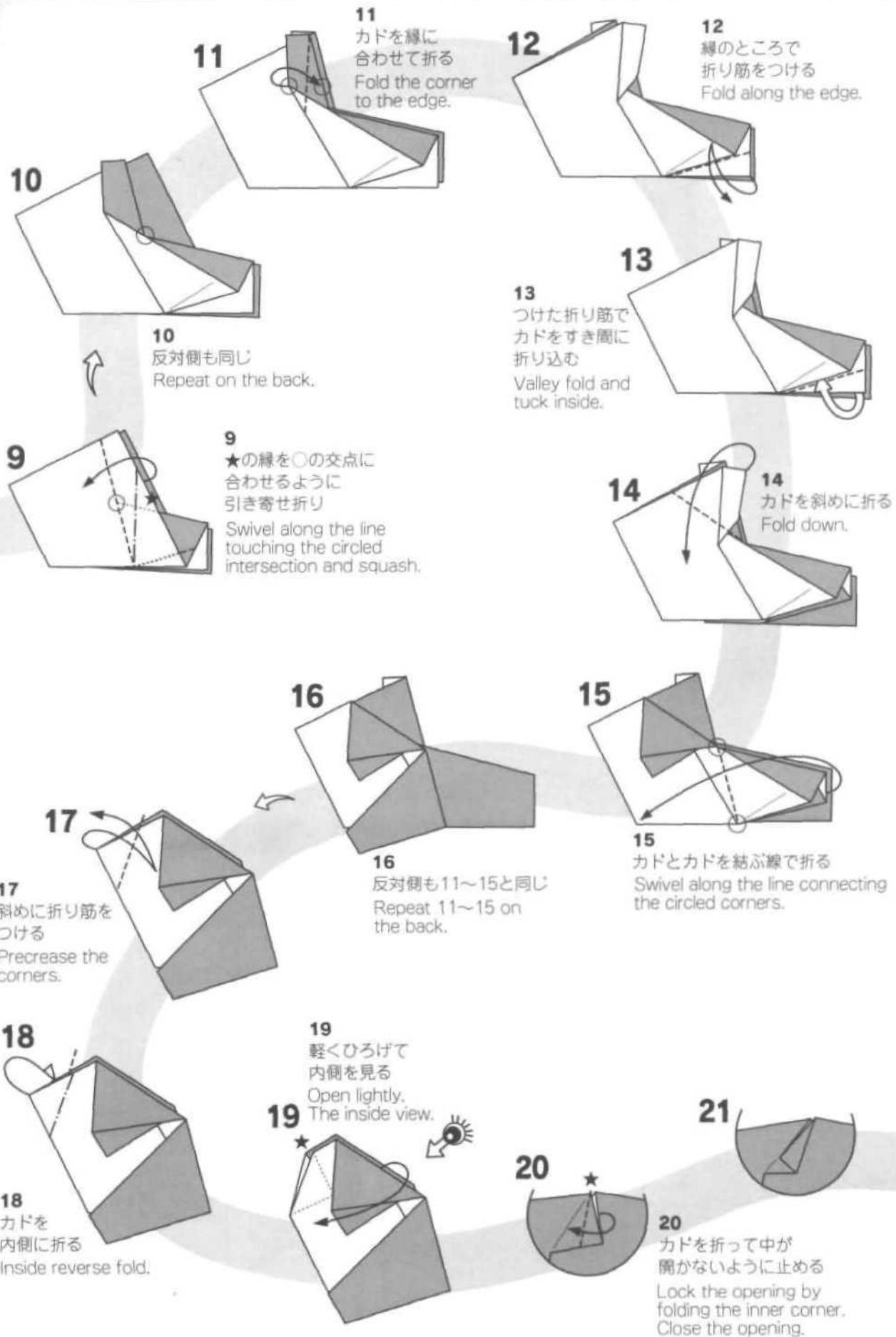


6
かぶせ折り
Outside reverse fold
along the crease line.

5



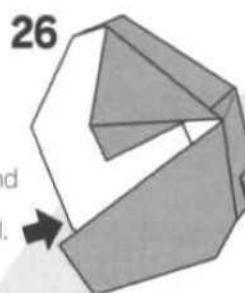
5
カドを内側に折る
Inside reverse fold along
the crease line.



2 動物／パンダ

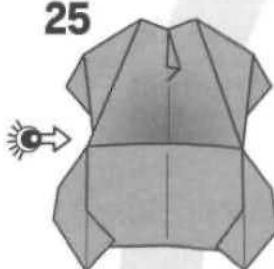
26
矢印の部分を
押し込んで
内側をひろげて
立体的にする

Push the belly and
make the body
three-dimensional.

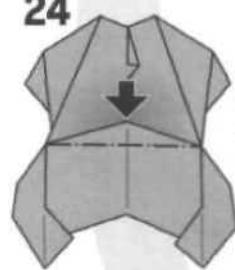


[体]のできあがり
[Body] Completed

25



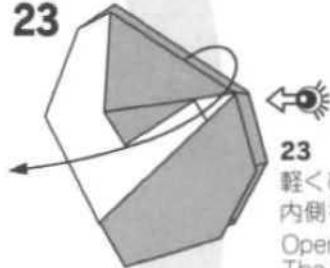
24



24

黒矢印の部分を
押し込んでひろげる
Push and flatten
the arrowed corner.

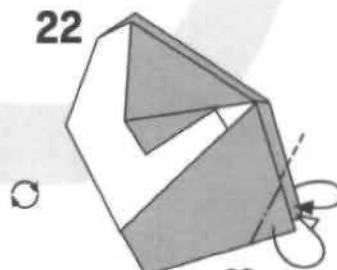
23



23

軽くひろげて
内側を見る
Open lightly.
The inside view.

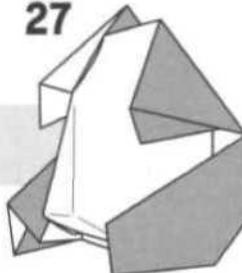
22



22

カドを内側に折る
Tuck the corners
inside.

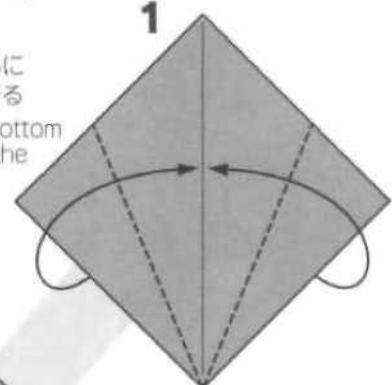
27



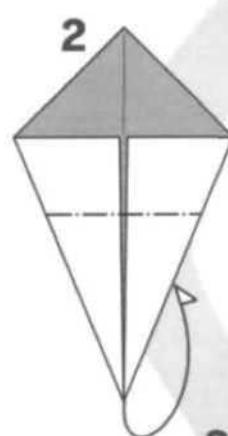
[頭] Head

1

カドを中心に
合わせて折る
Fold the bottom
edges to the
diagonal.



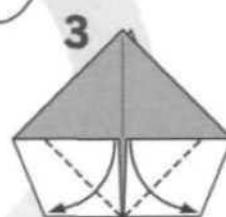
2



2

カドとカドを
合わせて
後ろへ折る
Mountain fold corner
to corner.

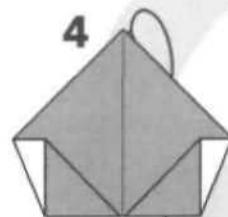
3



3

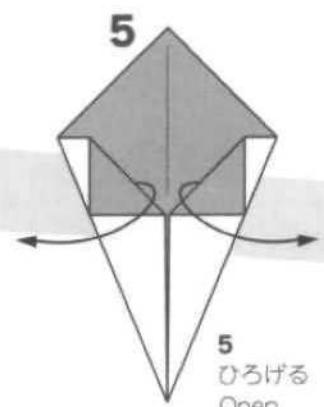
縁と縁を合わせて折る
Fold and align
the center edge with
the bottom edge.

4



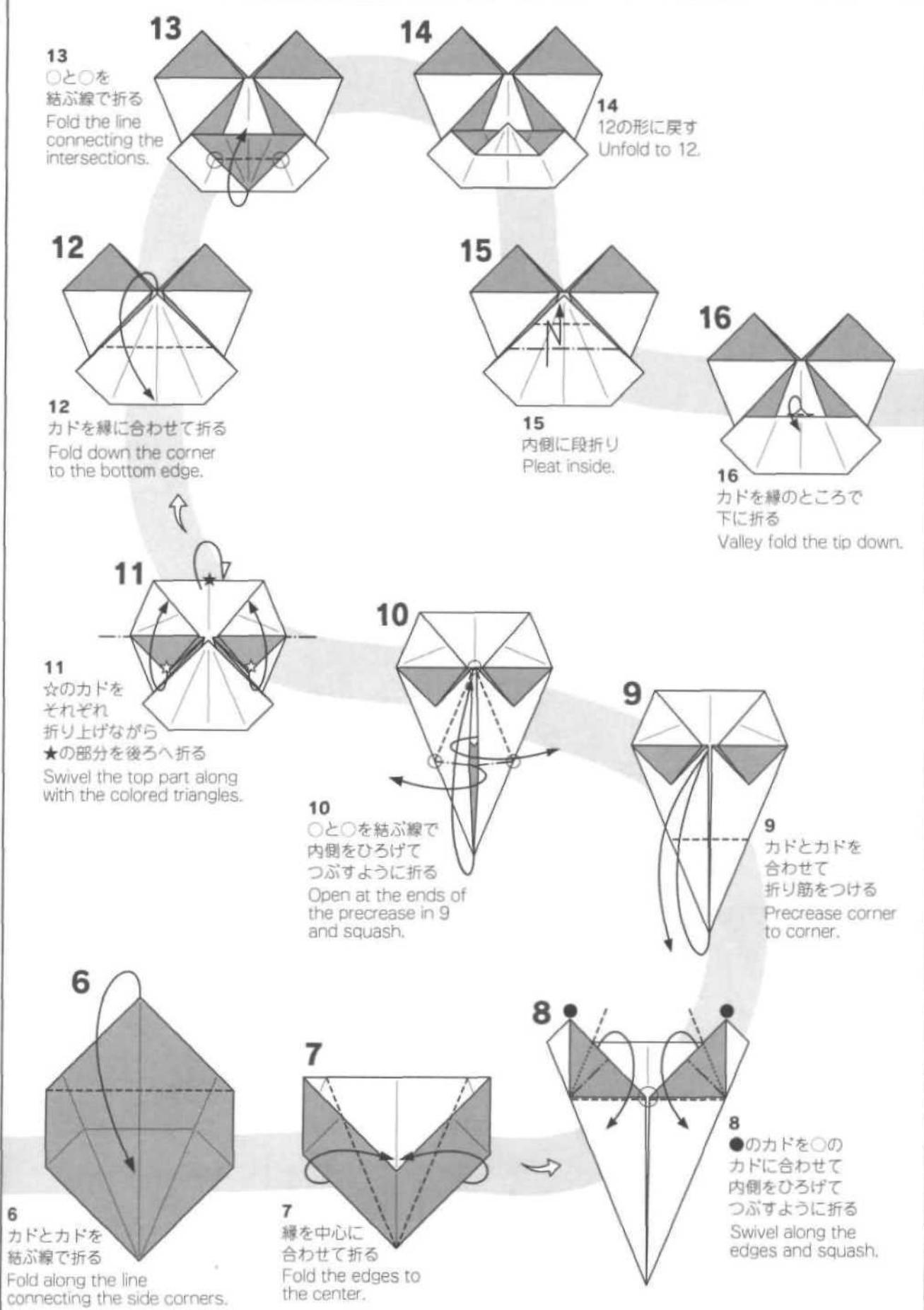
4
2で折った
カドを戻す
Unfold the
crease in 2.

5

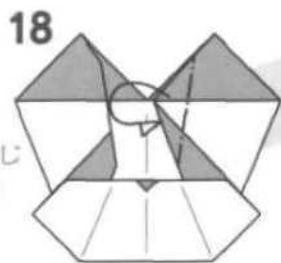


5

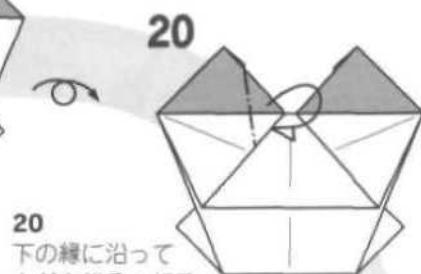
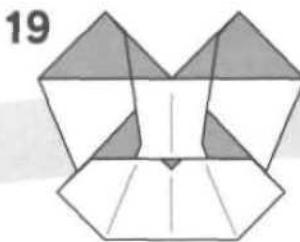
ひろげる
Open.



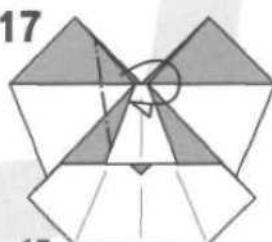
2 動物／パンダ



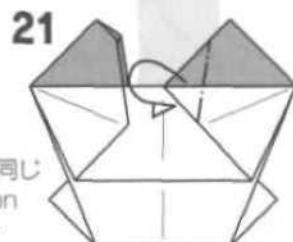
18
反対側も同じ
Repeat on the right.



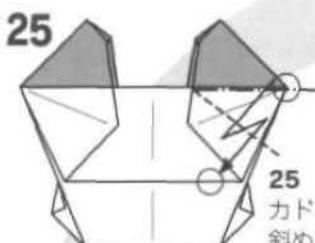
20
下の縁に沿って
カドを後ろへ折る
Repeat tucking
inside along the
edge.



17
カドを後ろに折る
Tuck the corner inside.



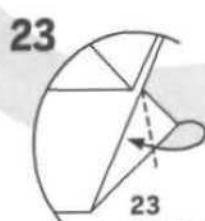
21
反対側も同じ
Repeat on
the right.



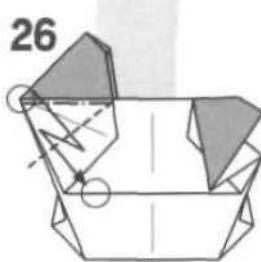
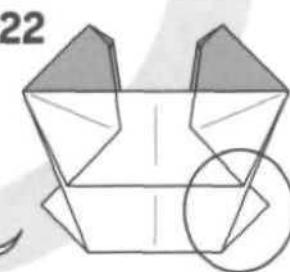
25
カドを縁に合わせて
斜めに段折り
Pleat down so that
the side corner touches
the middle edge.



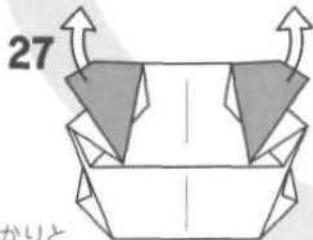
24
反対側も同じ
Repeat on
the left.



23
縁と縁を合わせて折る
Fold edge to edge.

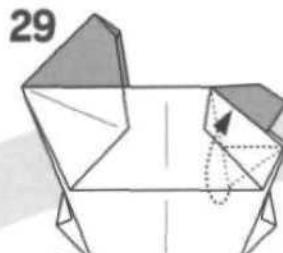
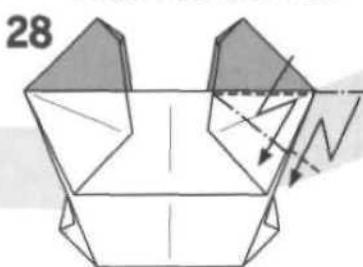


26
反対側も同じ
Repeat on the left.



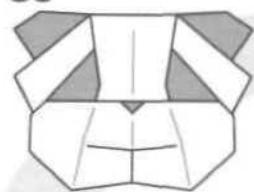
27
しっかりと
折り筋をつけてから
25の形に戻す
Unfold to 25.

28
内側に斜めに段折り
Pleat inside along the
crease lines made in 25.

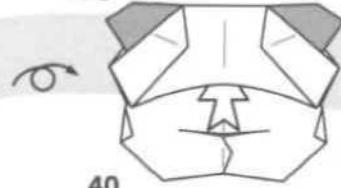


29
内側のカドを折って留める
Lock the ear by folding up
the hidden corner.

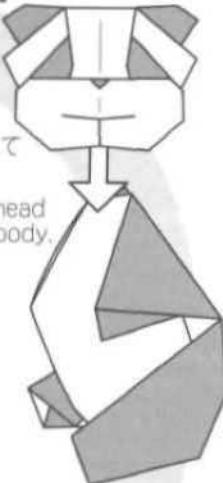
39



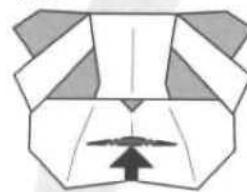
40



41

[頭]のできあがり
[Head] Completed

38



38
■の部分を
押し込んで口を作る
Push in and mold
the mouth.

37

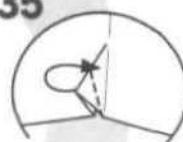


36



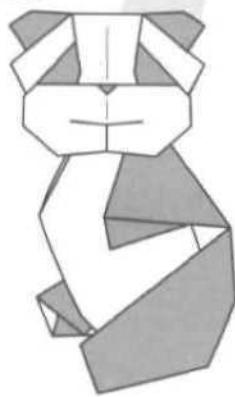
36
カドを反対側に折る
Swivel to the right.

35

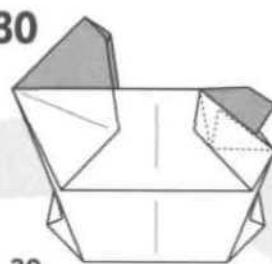


35
縁を折り筋に
合わせて折る
Lock the face by
folding the corner.

42

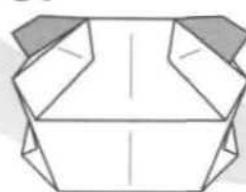
できあがり
Model Completed

30

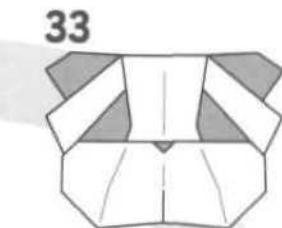


30
反対側も28~29と同じ
Repeat 28~29 on the left.

31



32



32

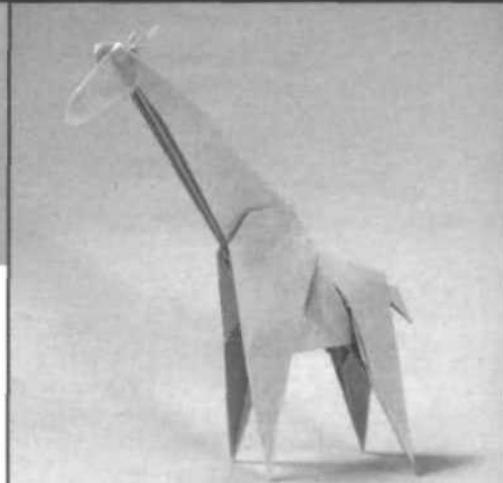
斜めに段折りして
顔の部分が立体に
なるようにする
Pinch and pleat the
bottom of the face
so that it will become
three-dimensional.

キリン

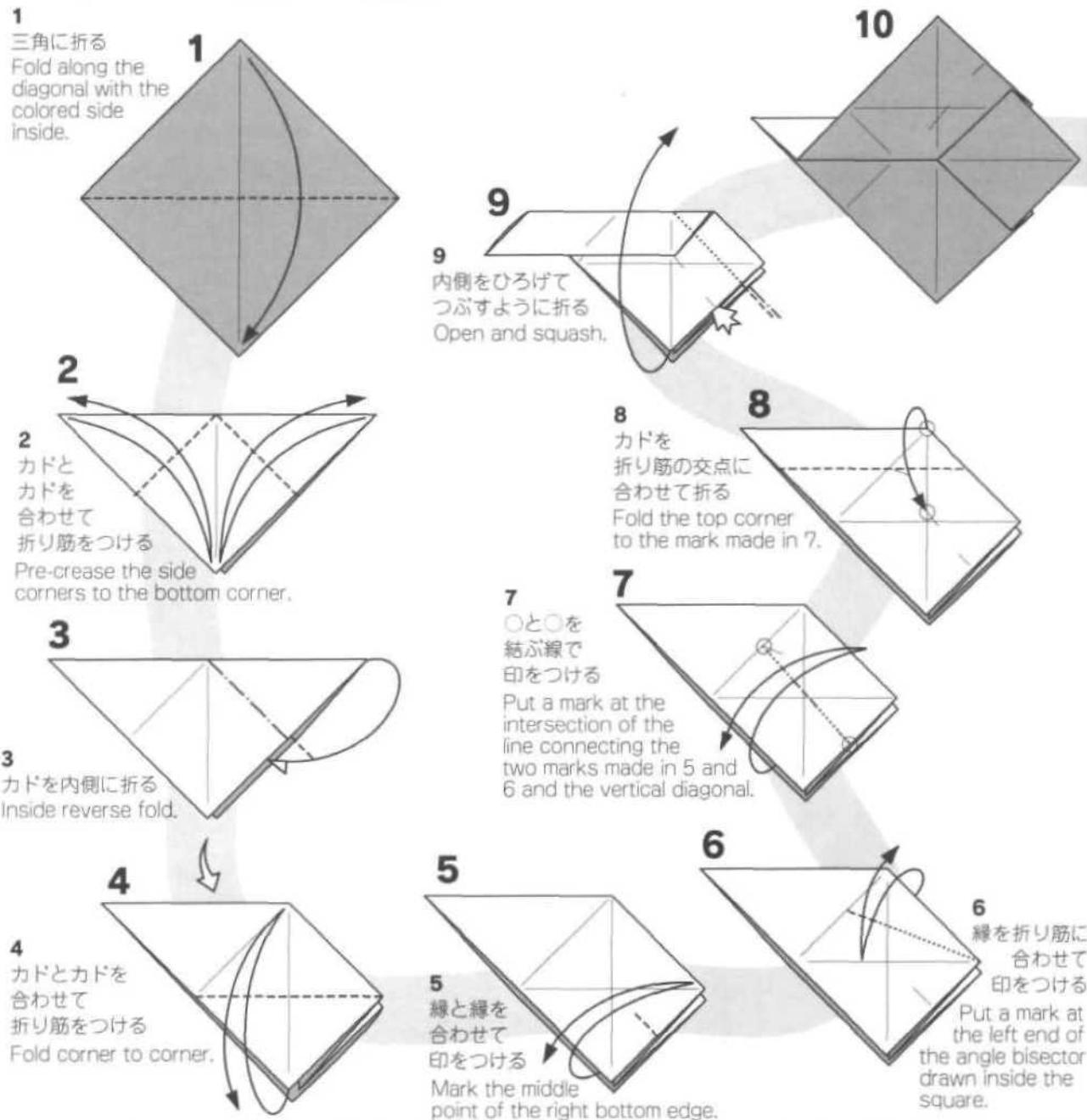
Giraffe

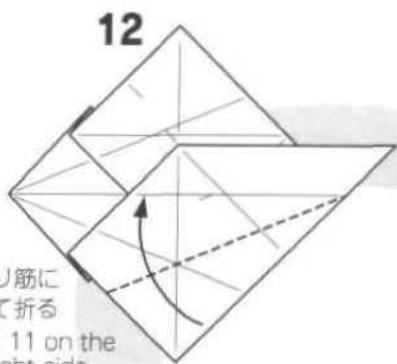
ジョン・モントロールさんの“Dog base”に触発されて動物の基本形と呼べるようなものを目指し、折りだし感覚の類似した2系統(キリンとライオン・犬類)を考えてみました。キリンを作るのにこの基本形を用いたのは、たてがみの表現が自然に行えるためです。

When I created this Giraffe, the Lion and the dogs, I had in my mind ideas about a new “animal base”. For a Giraffe, this “base” is useful for an expression of a mane.

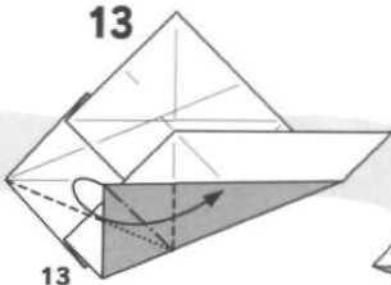


Created 1990 Paper 不切正方一枚折り: 1 piece

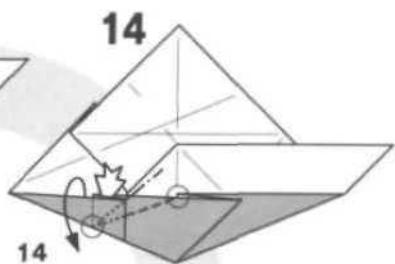




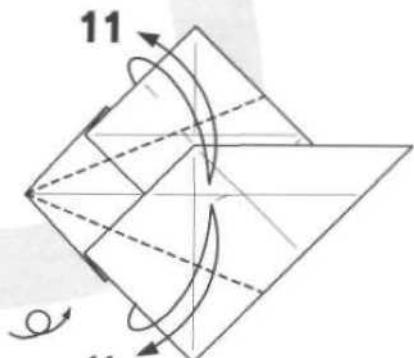
12
縁を折り筋に合わせて折る
Repeat 11 on the lower right side.



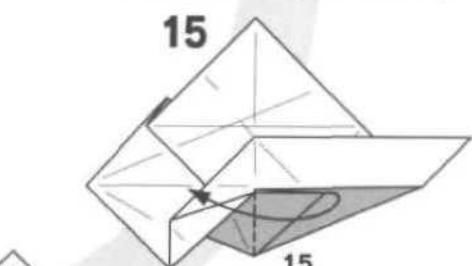
13
カドをつまんで反対側に折る
Swivel and squash.



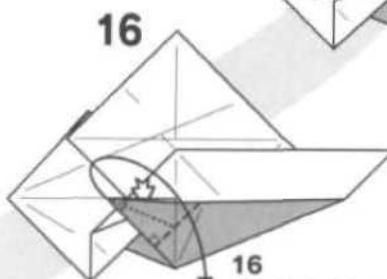
14
内側をひろげてつぶすように折る
Fold one layer along the line connecting the circled points and flatten the layers pulled up.



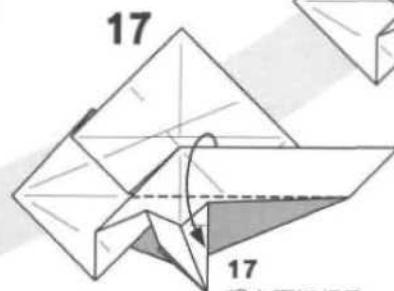
11
縁を折り筋に合わせて折り筋をつける
Precrease along the angle bisectors.



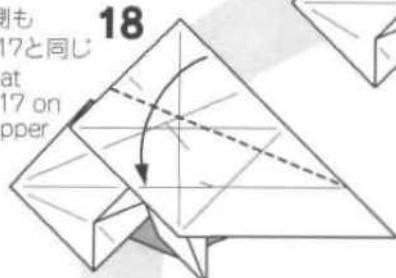
15
カドを反対側に折る
Swivel to the left.



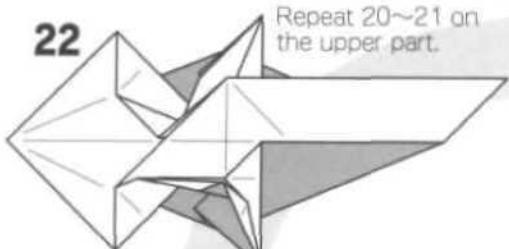
16
縁と縁を合わせて内側をひろげてつぶすように折る
Fold along the angle bisector, while swiveling down the triangle.



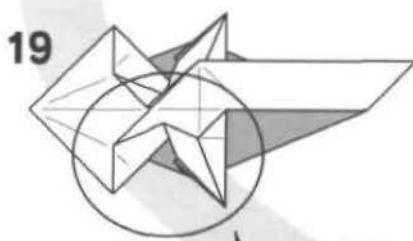
17
縁を下に折る
Fold down.



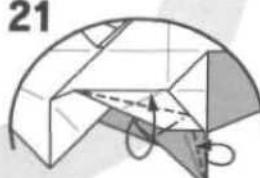
18
反対側も12~17と同じ
Repeat 12~17 on the upper side.



22
反対側も20~21と同じ
Repeat 20~21 on the upper part.

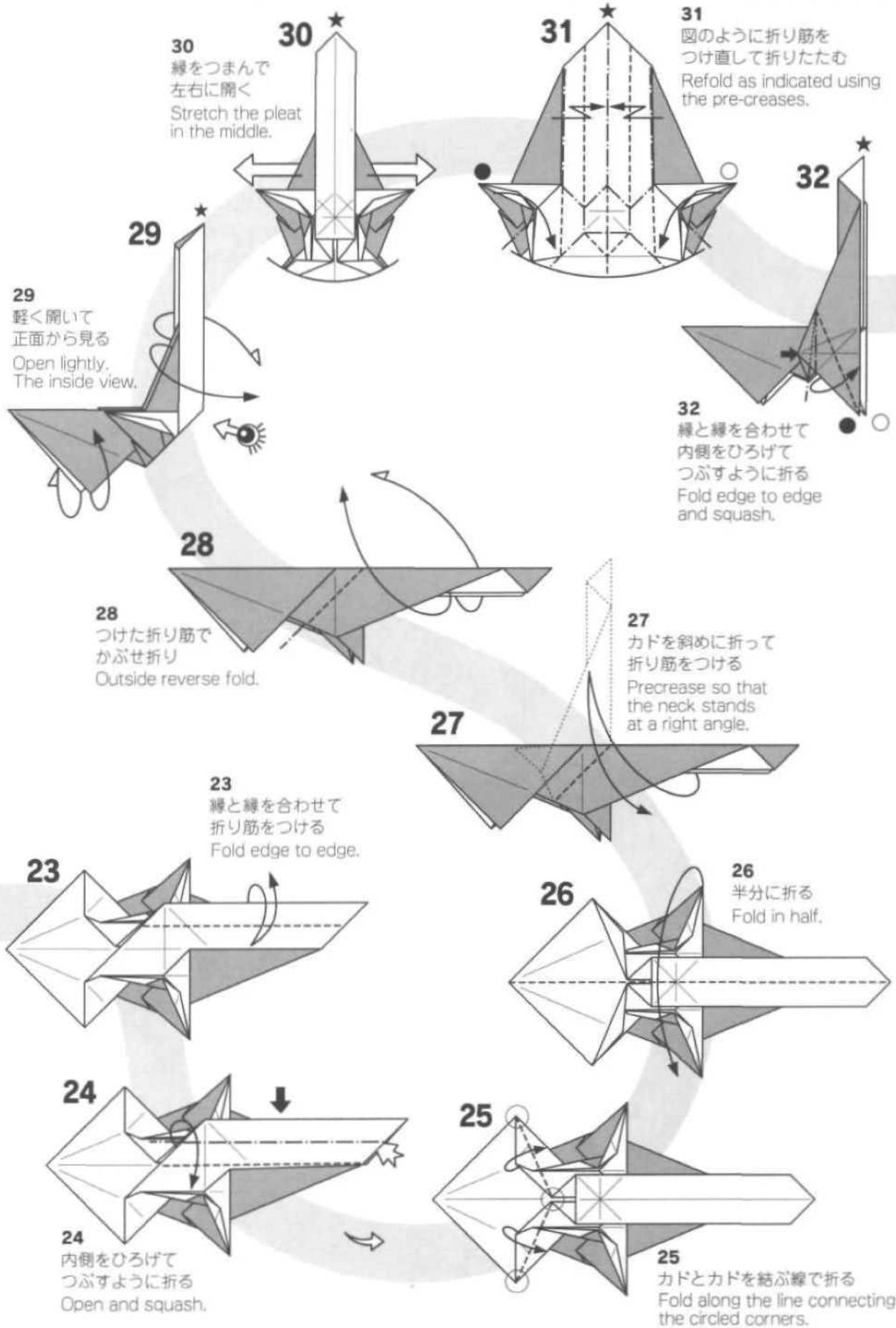


20
縁と縁を合わせて引き寄せ折り
Swivel to the right, while pulling down the layers above.



21
カドを縁に合わせて引き寄せ折り
Fold one layer along the angle bisector. Note the pulled-up layer again.

2 動物／キリン



33

カドを反対側に折る
Swivel to the left.

**34**

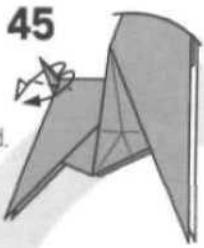
■の部分を沈め折り
(closed sink)
反対側も32~34と同じ
Closed sink the darkened part.
Repeat on the back.

34**35****35**

縁と縁を合わせて
カドを反対側に折る
Valley fold at a
right angle.

45

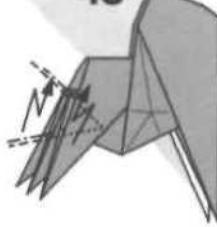
かぶせ折り
Outside
reverse fold.

45**44****44**

途中の図
... while pulling
the tail up.

43

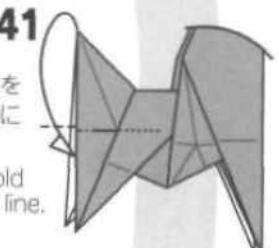
内側のカドを
斜めに段折り
Pleat the middle
layers inside ...

43**42****42**

カドを内側に折る
反対側も同じ
Inside reverse fold.
Repeat on the back.

**41**

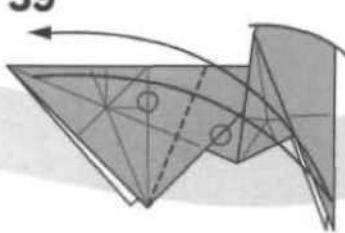
ついている折り筋を
使ってカドを内側に
折る
Inside Reverse fold
along the crease line.

**40****39**

○と○を合わせて
折り筋をつける
Precrease aligning
the center line and
the right edge.

38

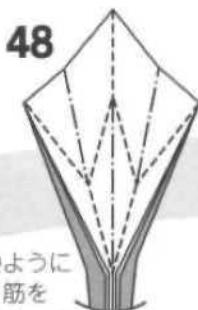
しっかりと
折り筋をつけて
35の形まで戻す
Unfold to 35.

39

2 動物／キリン



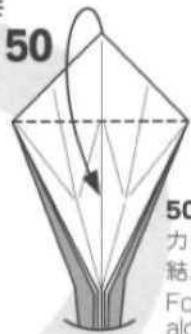
47
軽く開いて正面から見る
Open lightly.
The inside view.



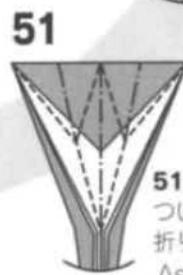
48
図のよう
に折り筋を
つけ直して
折りまとめる
Reassemble as
indicated using
the pre-creases.



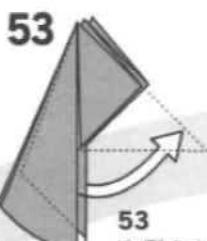
49
しっかりと折り筋をつけて
もう一度ひろげる
Fold tightly, and open
again.



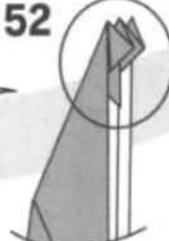
50
カドとカドを
結ぶ線で折る
Fold down
along the line
connecting
the corners.



51
ついている折り筋で
折りまとめる
Assemble as indicated
using the pre-creases.



53
内側のカドを
引き出す
Pull out the
middle layer.



54
縁と縁を合わせて
折り筋をつける
Fold edge to edge.



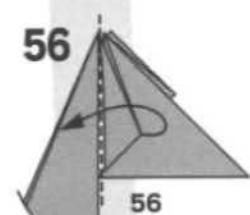
61
沈めるように
斜めに段折り
Pleat inside.



55
カドを内側に折る
Inside reverse fold.



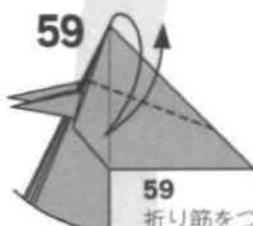
60
折り筋をつける
Make a
crease line.



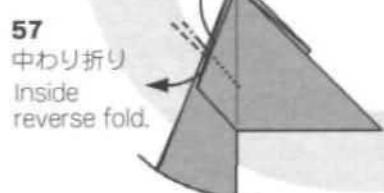
56
カドを反対側に折る
Swivel to the left.



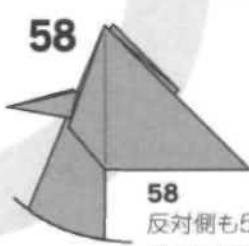
62
折り筋をつける
Pre-crease edge
to edge.



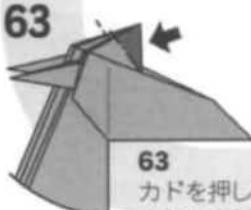
59
折り筋をつける
Make a crease line.



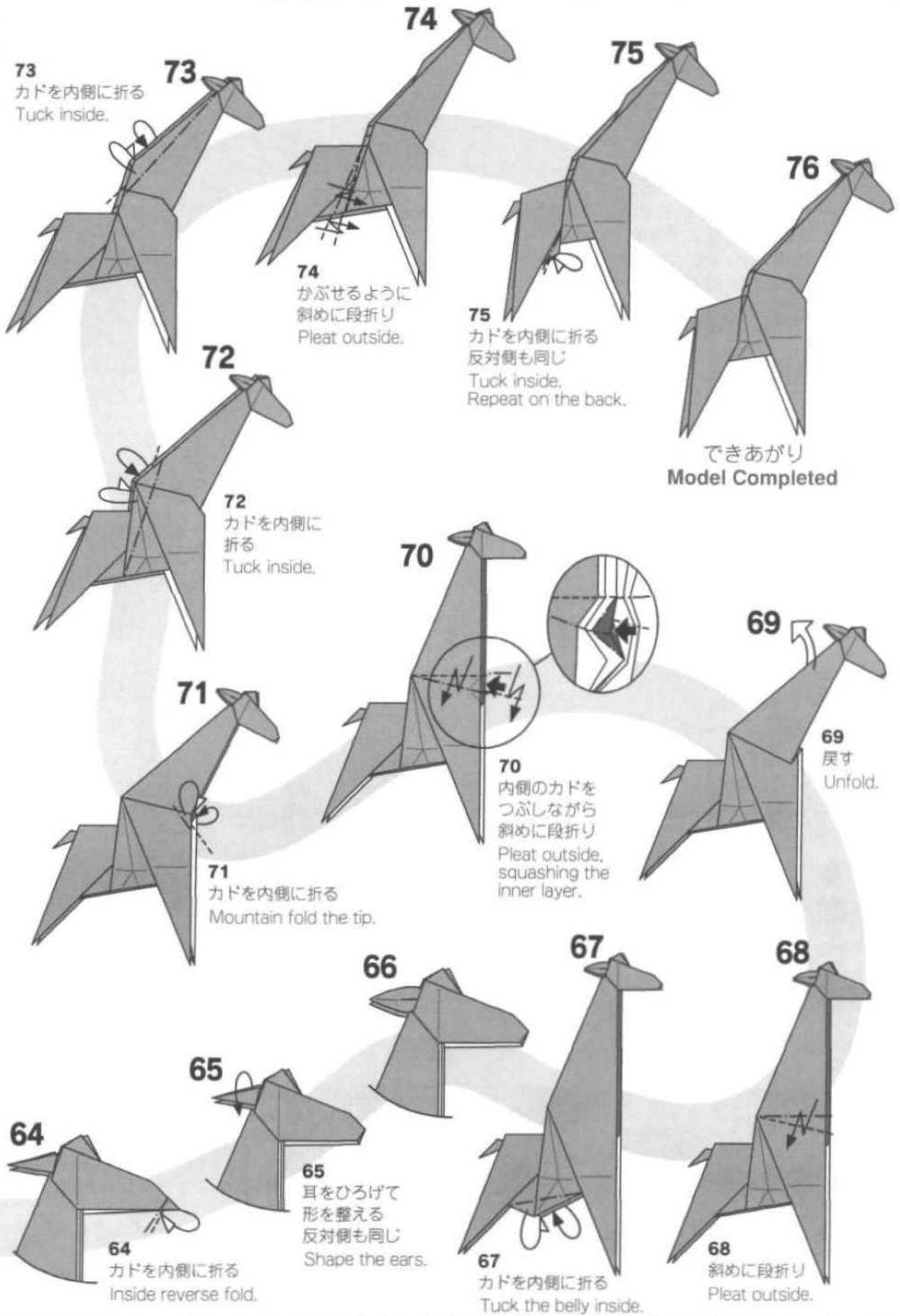
57
中わり折り
Inside
reverse
fold.



58
反対側も54～57と同じ
Repeat 54～57 on the back.



63
カドを押し込む
ように内側に折る
Inside reverse
fold.

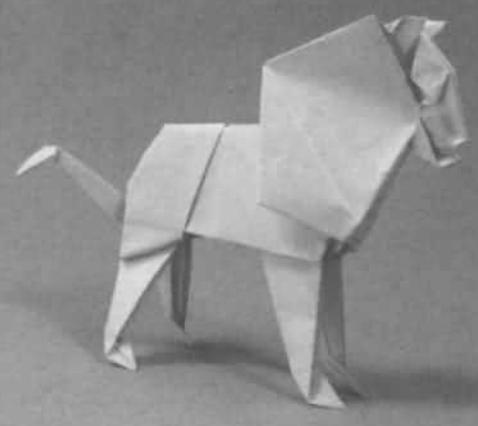


ライオン

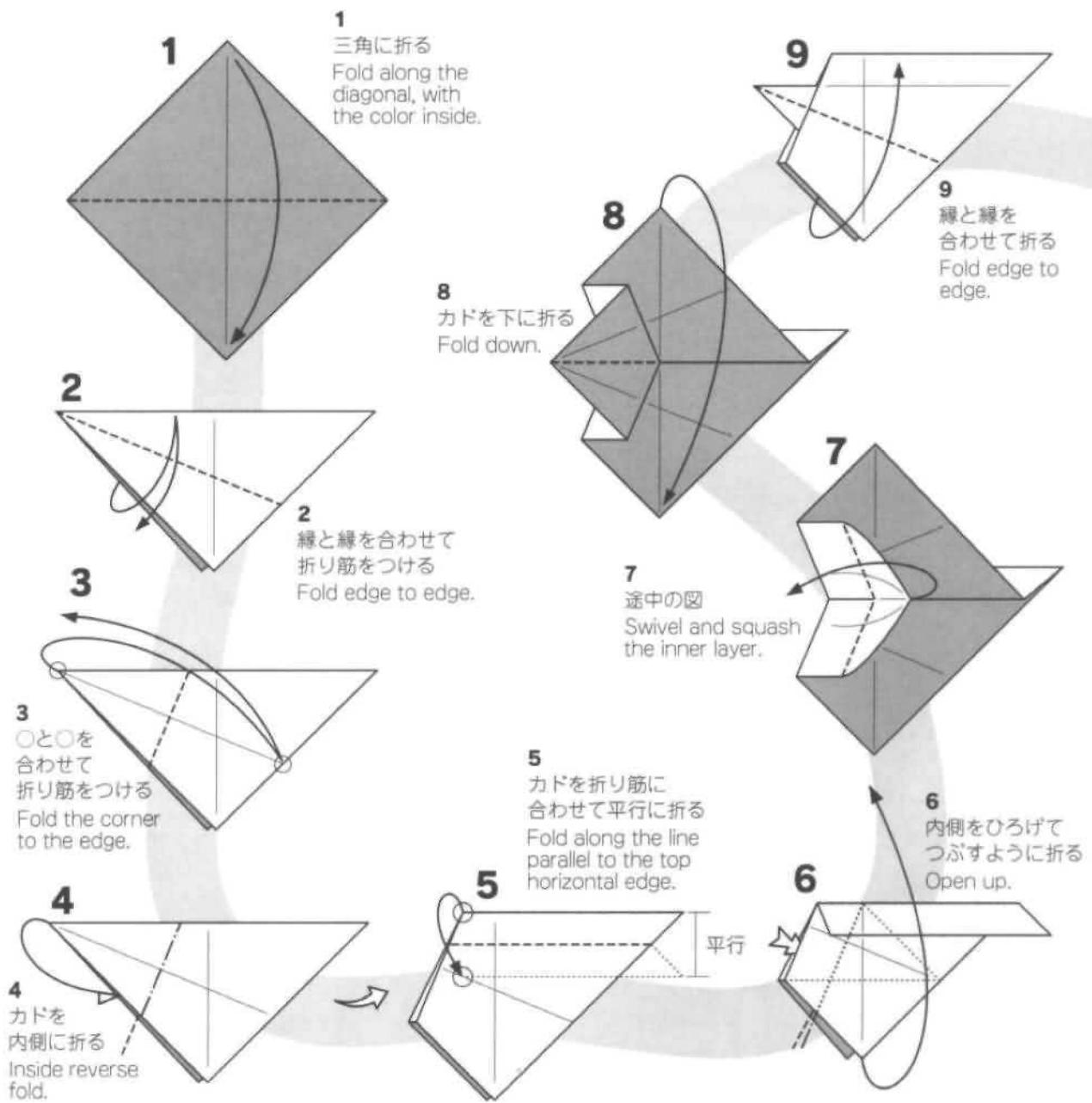
Lion

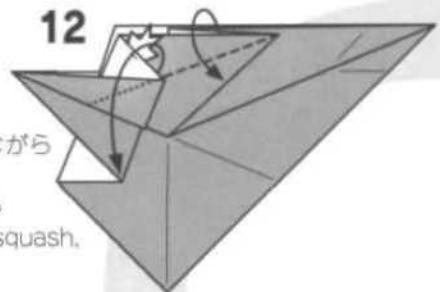
キリンの折りだし感覚(裏から折り始めて、真ん中を折って広げる)を保ちますが、最初の角度を変えます。この基本形を使ってライオンと犬類を作つてみます。

Using mostly the same "base" as the Giraffe, but with an angle of different size. The same method can be adopted for Dogs.

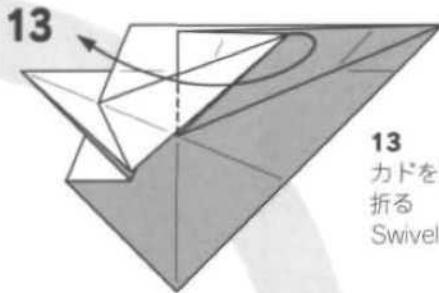


Created 1991 Paper 不切正方一枚折り: 1 piece

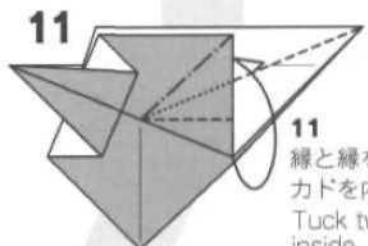




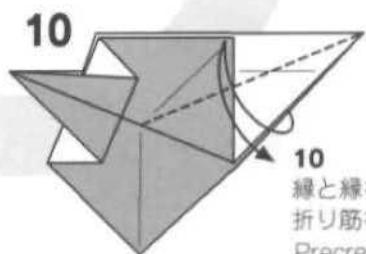
12
縁と縁を合わせながら
内側をひろげて
つぶすように折る
Fold down and squash.



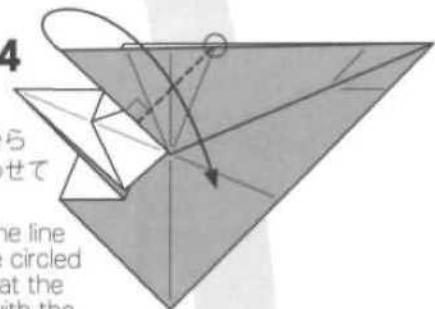
13
カドを反対側に
折る
Swivel to the left.



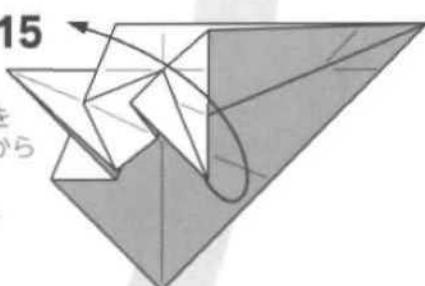
11
縁と縁を合わせて
カドを内側に折る
Tuck two layers
inside.



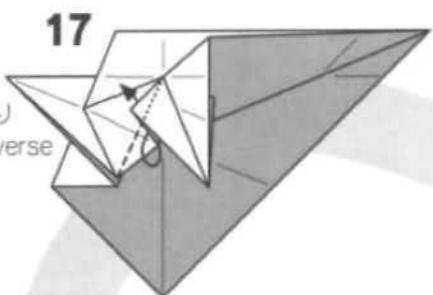
10
縁と縁を合わせて
折り筋をつける
Precrease edge
to edge.



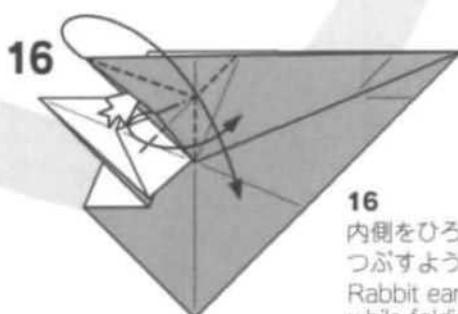
14
○のところから
縁と縁を合わせて
折る
Fold along the line
touching the circled
intersection at the
right angle with the
lower edge.



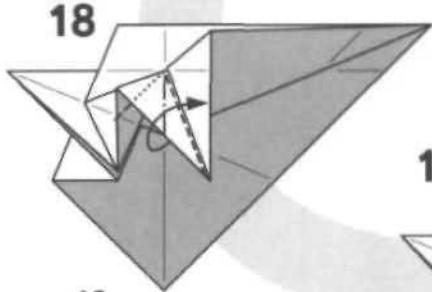
15
折り筋を
つけてから
戻す
Unfold.



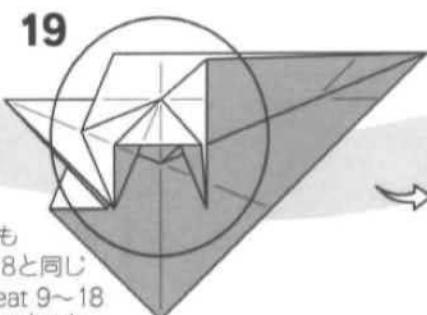
17
中わり折り
Inside reverse
fold.



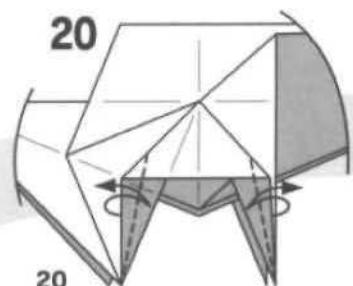
16
内側をひろげて
つぶすように折る
Rabbit ear on the top layer,
while folding down the
second layer.



18
内側をひろげて
つぶすように折る
Swivel to the right
and squash.

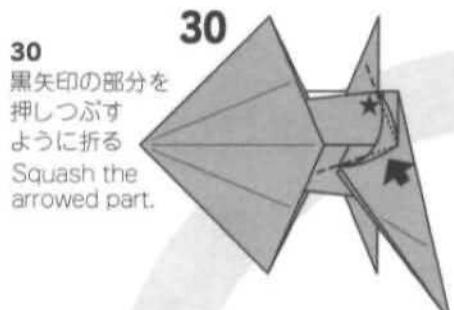


19
対側も
9~18と同じ
Repeat 9~18
on the back.

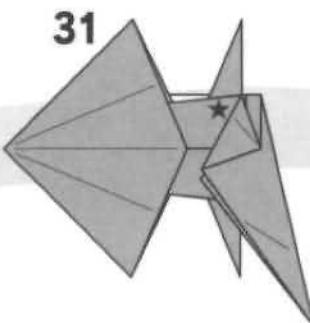


20
縁と縁を合わせて
折り筋をつける
Fold along angle bisectors.

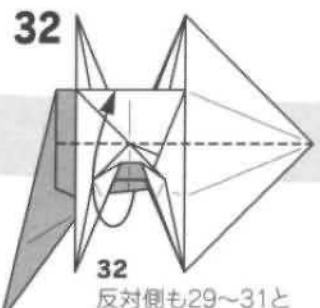
2 動物／ライオン



30
黒矢印の部分を
押しつぶす
ように折る
Squash the
arrowed part.

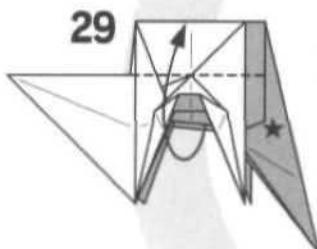


31

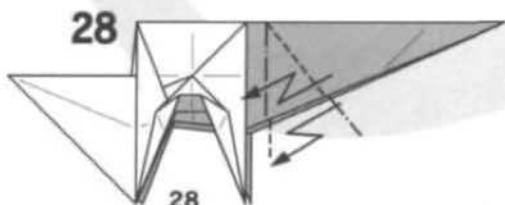


32

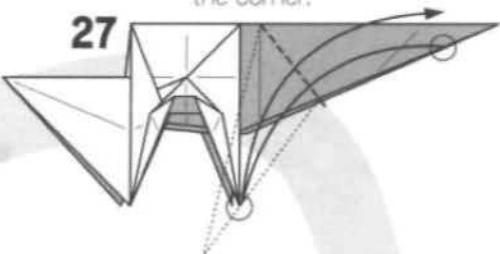
反対側も29~31と
同じに折る
Repeat 29~31 on
the back.



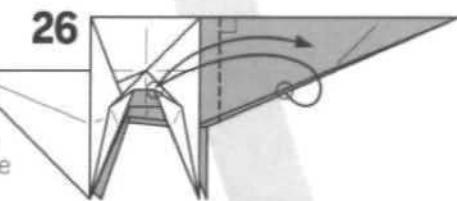
29
開くところで
上に折る
Swivel and open up.



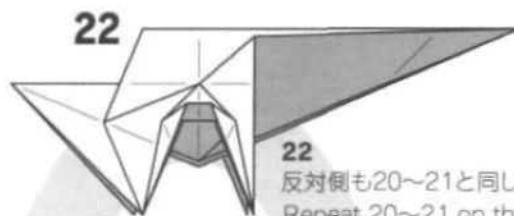
28
つけた折り筋で
内側に斜めに段折り
Pleat inside.



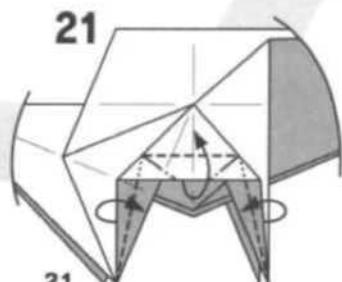
27
縁をカドに合わせて
折り筋をつける
Fold the lower edge to
the corner.



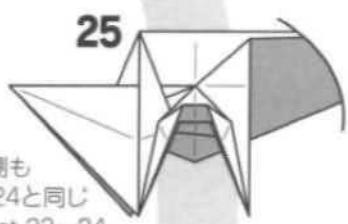
26
縁をカドに合わせて
折り筋をつける
Fold at a right angle.
Note that the bottom
edge has to touch the
circled intersection.



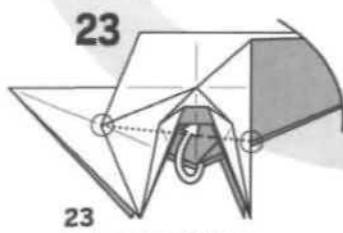
22
反対側も20~21と同じ
Repeat 20~21 on the
back.



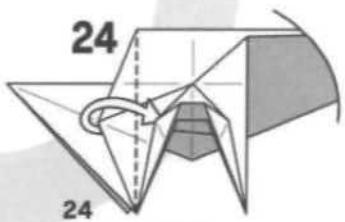
21
内側をひろげて
つぶすように折る
Swivel up and squash.



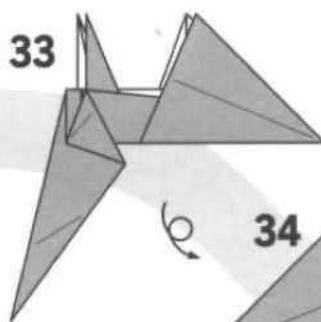
25
反対側も
23~24と同じ
Repeat 23~24
on the back.



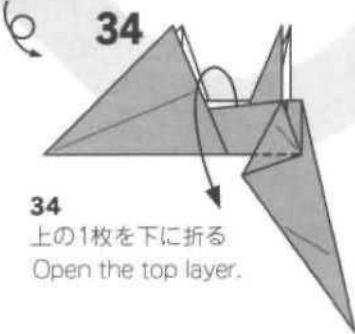
23
○と○を結ぶ線で
カドを内側に折り込む
Tuck the inner layer inside.



24
カドをすき間に
折り込む
Tuck the corner below
the first layer.

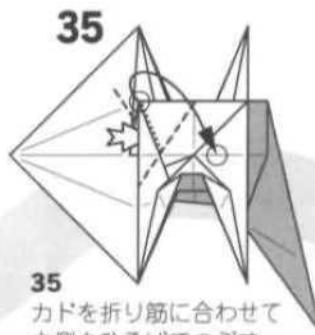


33



34

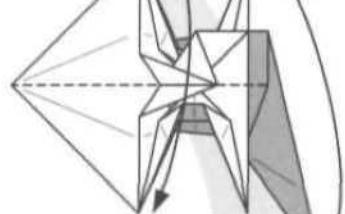
上の1枚を下に折る
Open the top layer.



35

カドを折り筋に合わせて
内側をひろげてつぶす
ように折る

Fold down the corner
to the center line and
squash.



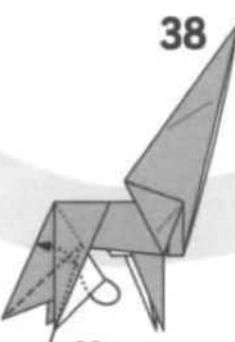
36

★のカドを後ろへ持ち上げ
ながらカドとカドを合わせて
半分に折る

Swivel the right colored
layers along with the body.

39
縁と縁を合わせて
内側に折る
Inside reverse fold
aligning the edges.

39



38

ついている折り筋を
使って中わり折り
Inside reverse fold
using pre-creases.



37

内側に斜めに
段折り
Pleat inside.

40
反対側も
38~39と同じ
Repeat 38~39
on the back.



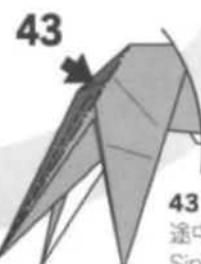
41

内側のカド
The hidden
corner.

41
○と○を結ぶ線で
折り筋をつける
Pre-crease along the
line connecting the
circled points.

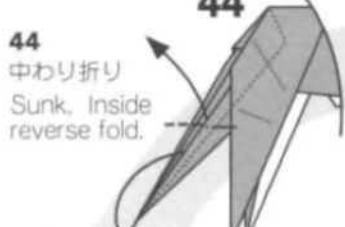


42
■の部分を
沈め折り
(Closed sink)
Closed sink
the darkened
part



43

途中の図
Sinking ...



44

中わり折り
Sunk, Inside
reverse fold.

2 動物／ライオン

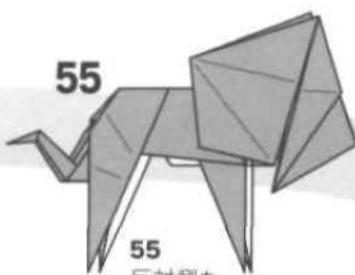
54

カドをひらく
ところで折る
Swivel down.



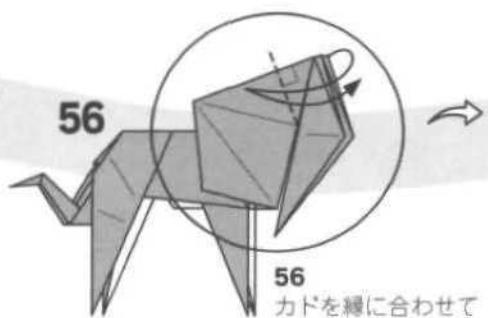
55

反対側も
53～54と同じ
Repeat 53～54
on the back.



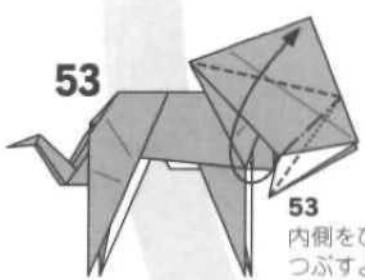
56

カドを縁に合わせて
折り筋をつける
Pre-crease at a
right angle.



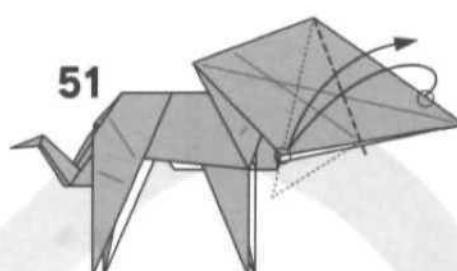
53

内側をひろげて
つぶすように折る
Open and squash.



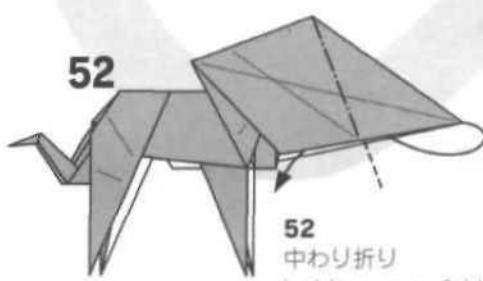
51

縁をカドに合わせて
折り筋をつける
Pre-crease the edge
to the corner.



52

中わり折り
Inside reverse fold.



50

反対側も同じ
Repeat on the
back.



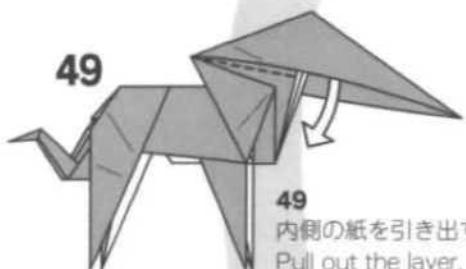
45

斜めに段折り
Pleat outside.

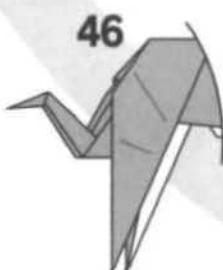


49

内側の紙を引き出す
Pull out the layer.

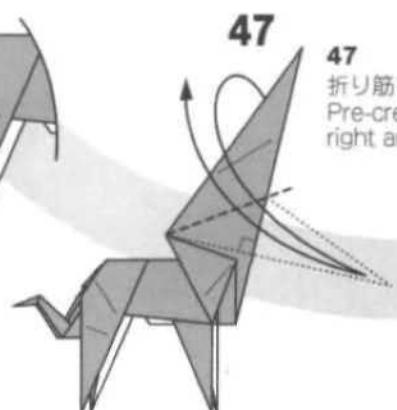


46



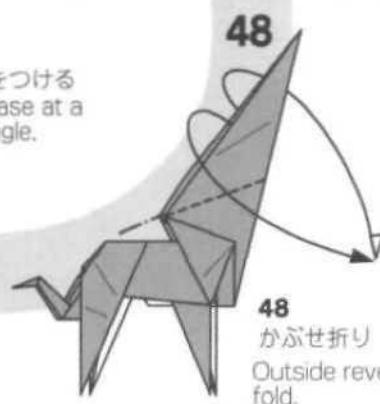
47

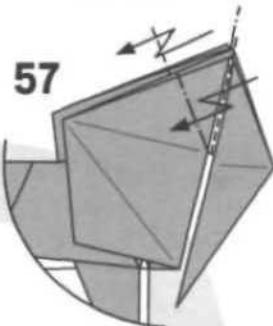
折り筋をつける
Pre-crease at a
right angle.



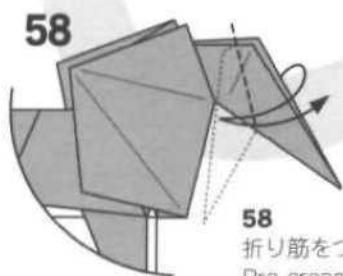
48

かぶせ折り
Outside reverse
fold.

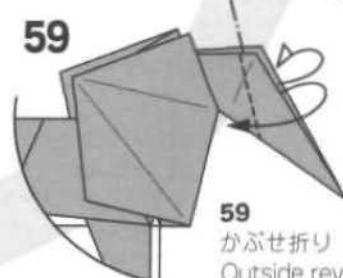




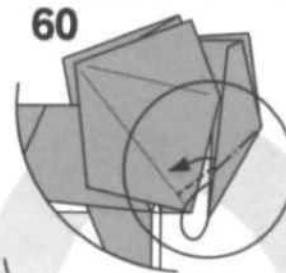
57
内側に斜めに
段折り
Pleat inside.



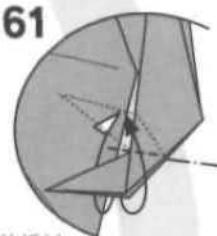
58
折り筋をつける
Pre-crease edge
to corner.



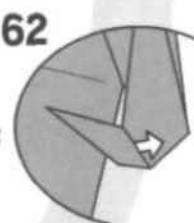
59
かぶせ折り
Outside reverse
fold.



60
中わり折り
Inside reverse fold.



61
かぶせ折り
Outside reverse fold.



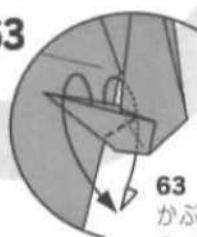
62
内側の紙を
引き出す
反対側も同じ
Pull out the
inner layer.



65
かぶせ折り
Outside
reverse
fold.



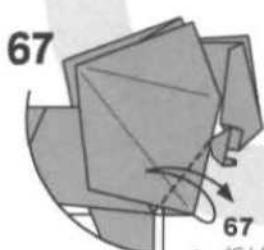
64
中わり折り
Inside reverse
fold.



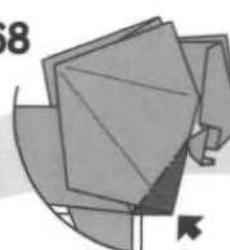
63
かぶせ折り
Outside reverse
fold.



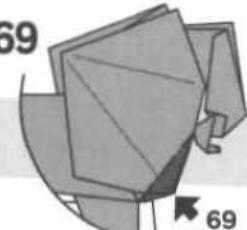
66
上の1枚を
カドにかぶせる
Hide the complex
behind the layer
on the left.



67
折り筋をつける
Pre-crease.

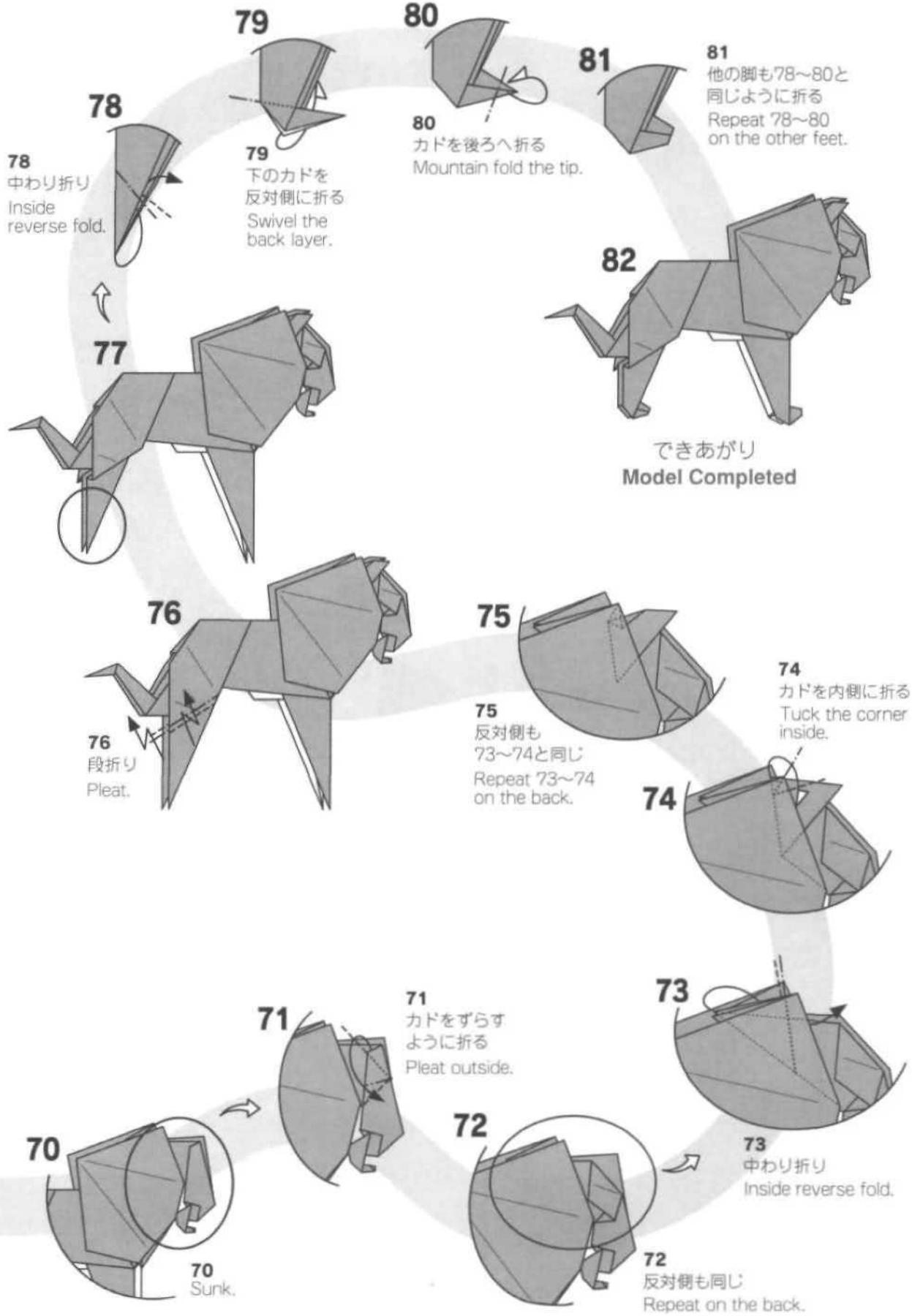


68
■の部分を
沈め折り
(closed sink)
Closed sink the
darkened part.



69
途中の図
Sinking ...

2 動物／ライオン



シェパード

Shepherd

犬の折り分けは、首のちょっとした角度、鼻先の長さなどデッサン力がものをいってしまします。脚や耳の素材が長めに一通り揃うので、その後の作り分けは、犬のスケッチでもするように行います。

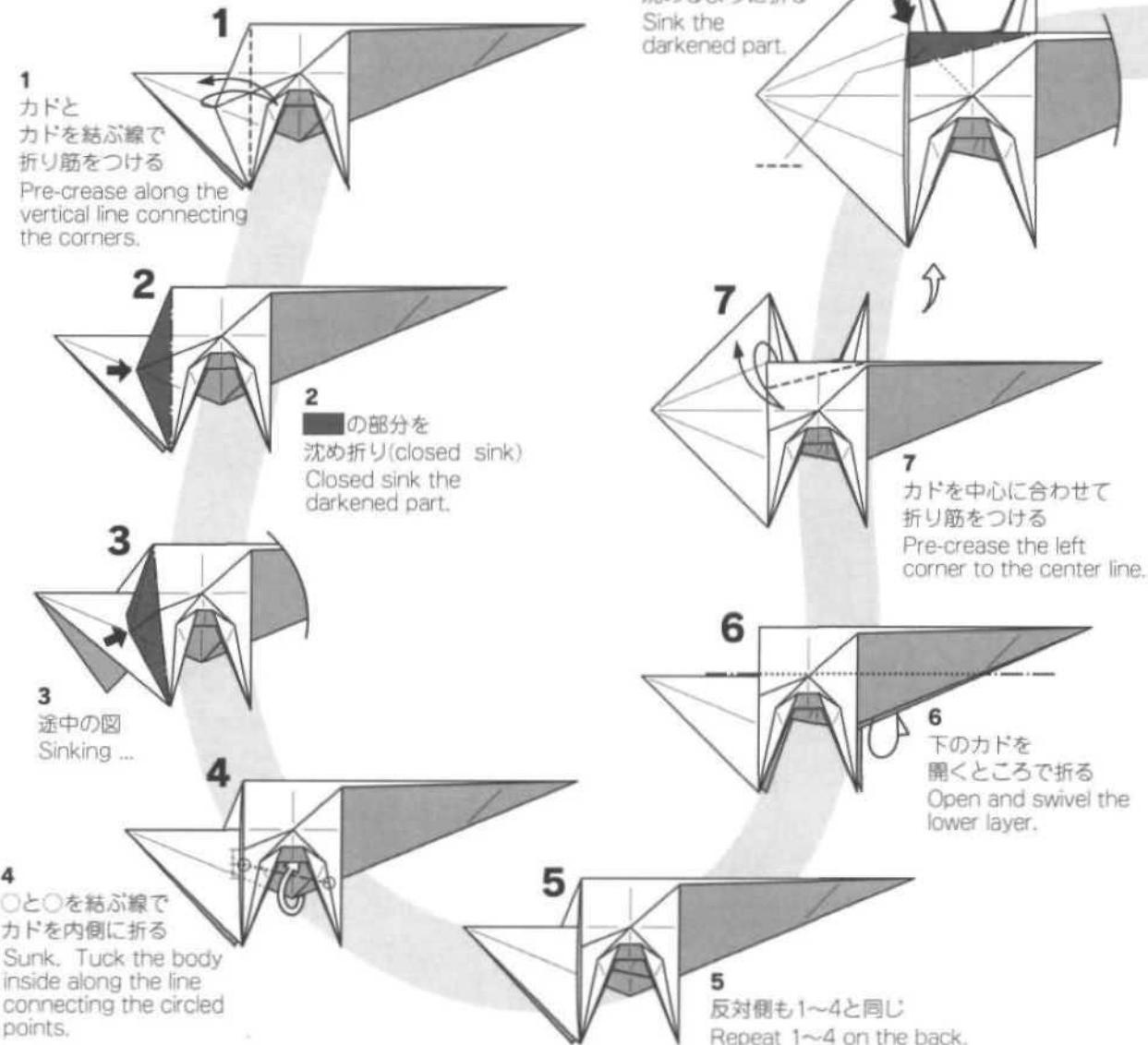
Dogs can distinguished from each other by an angle of a neck and the length of a muzzle. Such details must be finished with your ability in dessin as your only aid. The "base" provides you with enough amount of paper for legs and ears, so the rest is all up to you.



Created 1996 Paper 不切正方一枚折り: 1 piece

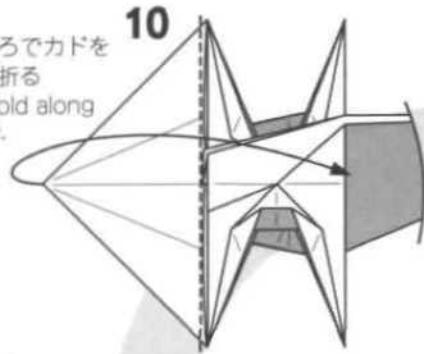
P. 80 [ライオン] の23の形からはじめる

Start with No. 23 of [Lion] (P. 80)

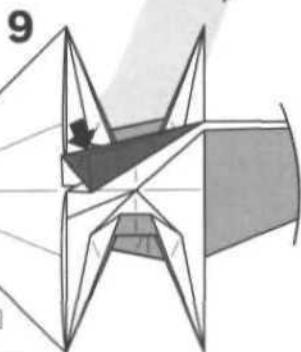
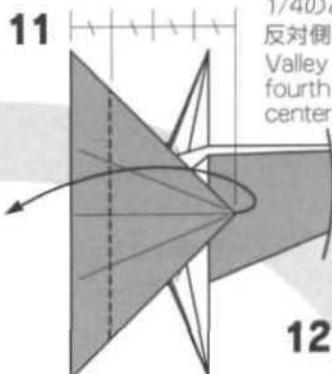


2 動物／シェバード

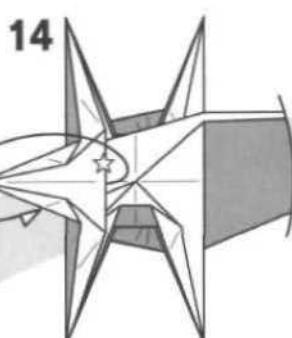
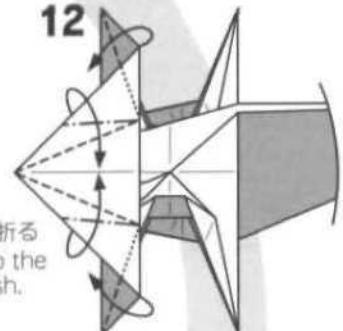
10
線のところでカドを
反対側に折る
Sunk. Fold along the edge.



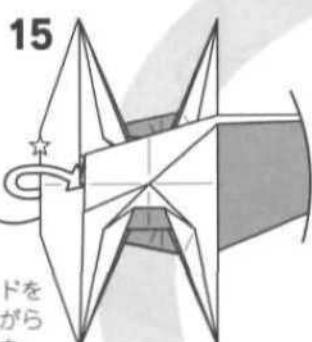
11
1/4のところでカドを
反対側に折る
Valley fold at the point one fourth of the length of the center line of the triangle.



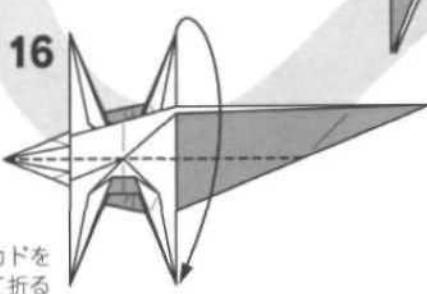
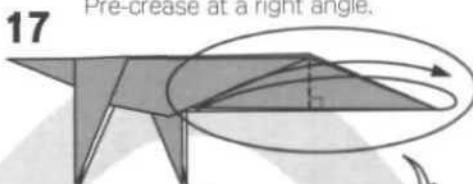
12
中心に合わせて
引き寄せるように折る
Fold the edges to the center and squash.



13
下の縁に
合わせて
引き寄せる
ように折る
Fold along the
edge and squash.

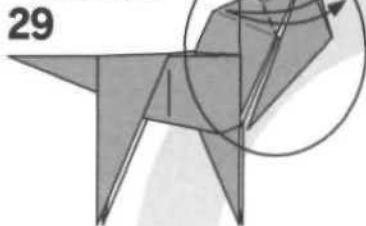


17
カドを縁に合わせて
折り筋をつける
Pre-crease at a right angle.

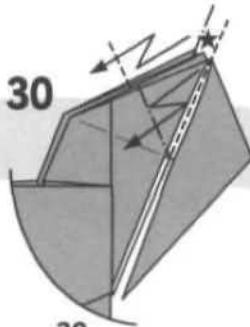


18
折り筋を縁に合わせて
折り筋をつける
Pre-crease aligning the
vertical crease line to
the bottom edge.

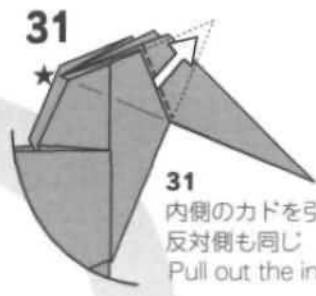
29
カドを縁と合わせて
折り筋をつける
Pre-crease at a
right angle.

**30**

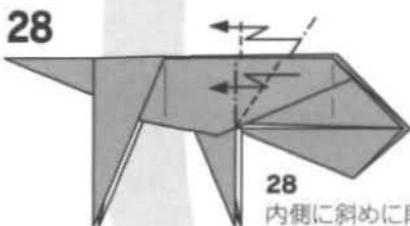
内側に斜めに段折り
Pleat inside.

**31**

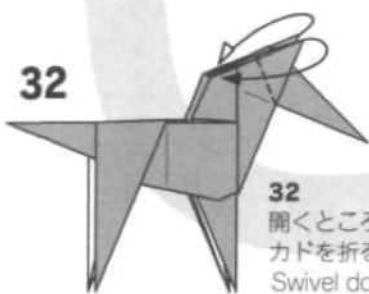
内側のカドを引き出す
反対側も同じ
Pull out the inner layers.

**28**

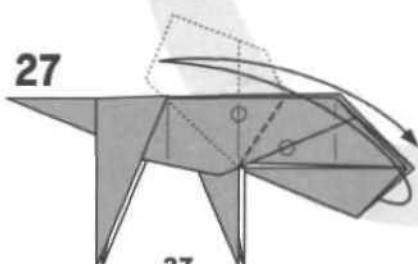
28
内側に斜めに段折り
Pleat inside.

**32**

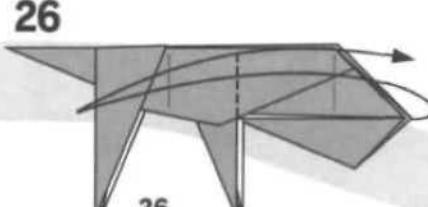
32
開くところで
カドを折る
Swivel down.

**27**

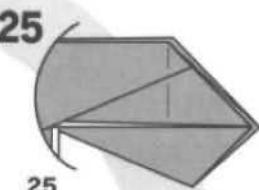
27
○と○を合わせて
折り筋をつける
Pre-crease aligning the
circled lines.

**26**

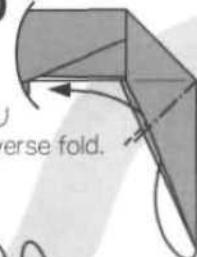
26
縁のところで
折り筋をつける
Pre-crease along
the edge.

**25**

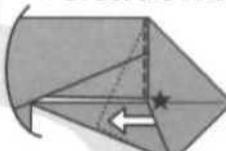
反対側も21~24と同じ
Repeat 21~24 on the
back.

**20**

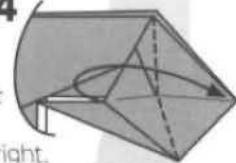
20
中わり折り
Inside reverse fold.

**21**

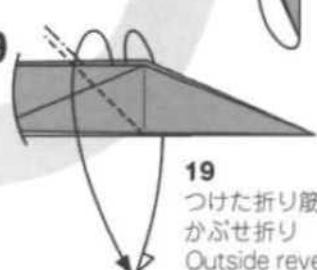
21
内側のカドを引き出す
Pull out the inner layer.

**24**

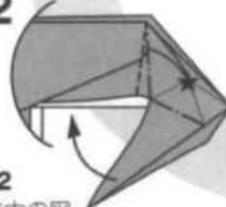
24
そのままカドを
反対側に折る
Swivel to the right.

**19**

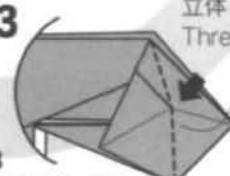
19
つけた折り筋で
かぶせ折り
Outside reverse fold.

**22**

22
途中の図
21 lets the complex
open lightly.

**23**

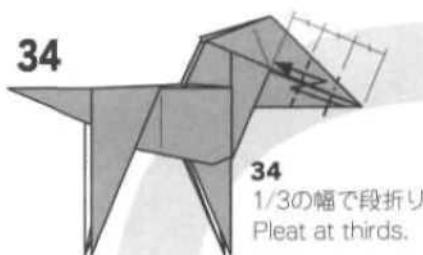
23
カドを押し込む
ように折る
Push the arrowed part down.



立体
Three-dimensional.

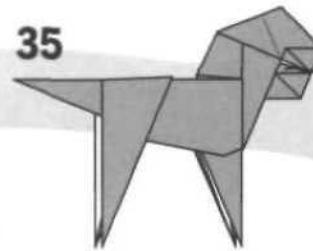
2 動物／シェバード

34



34
1/3の幅で段折り
Pleat at thirds.

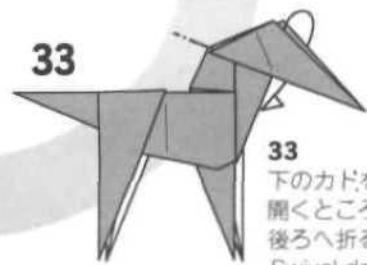
35



35

折り筋をつけて
から戻す
Unfold.

33



33
下のカドを開くところで
後ろへ折る
Swivel down the
back layer.

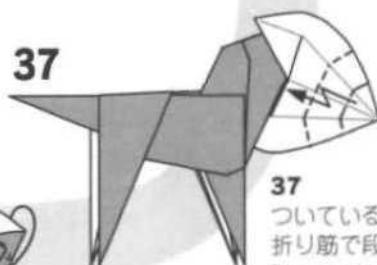
36



36

軽くひろげる
Open lightly.

37



37

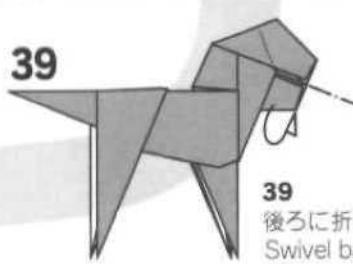
ついている
折り筋で段折り
Pleat using the
crease lines.

38



38
ついている折り筋で
引き寄せるように
折りまとめる
Reassemble using
the crease lines.

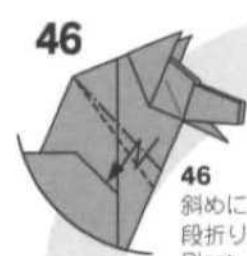
39



39

後ろに折る
Swivel back.

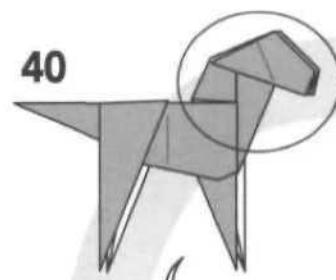
46



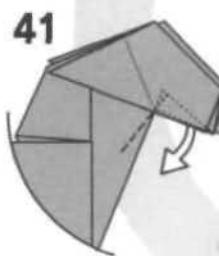
46

斜めに
段折り
Pleat.

40



41

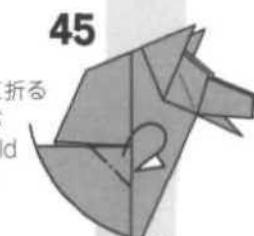


41
内側のカドをつまんで
ずらすように折る
Pull out the hidden
corner.

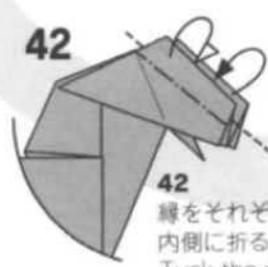
45

カドを内側に折る
反対側も同じ
Mountain fold
the corners.

45



42



42
縁をそれぞれ
内側に折る
Tuck the edges inside.

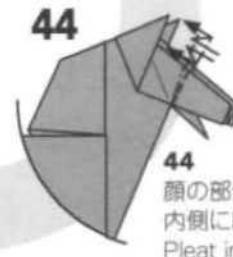
43



43

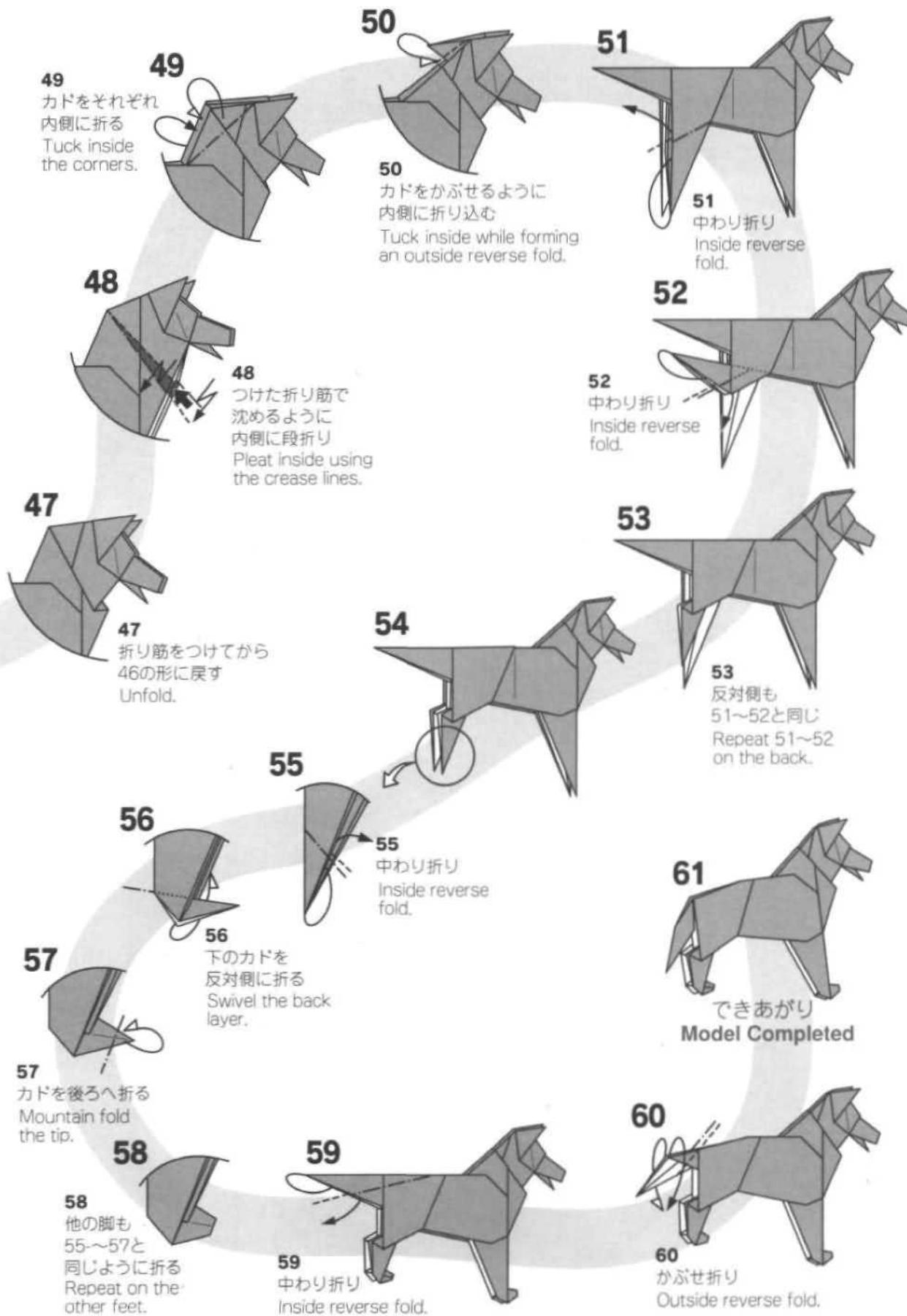
カドを斜めに
折り上げる
反対側も同じ
Swivel the ears up.

44



44

頭の部分を
内側に段折り
Pleat inside.



プードル

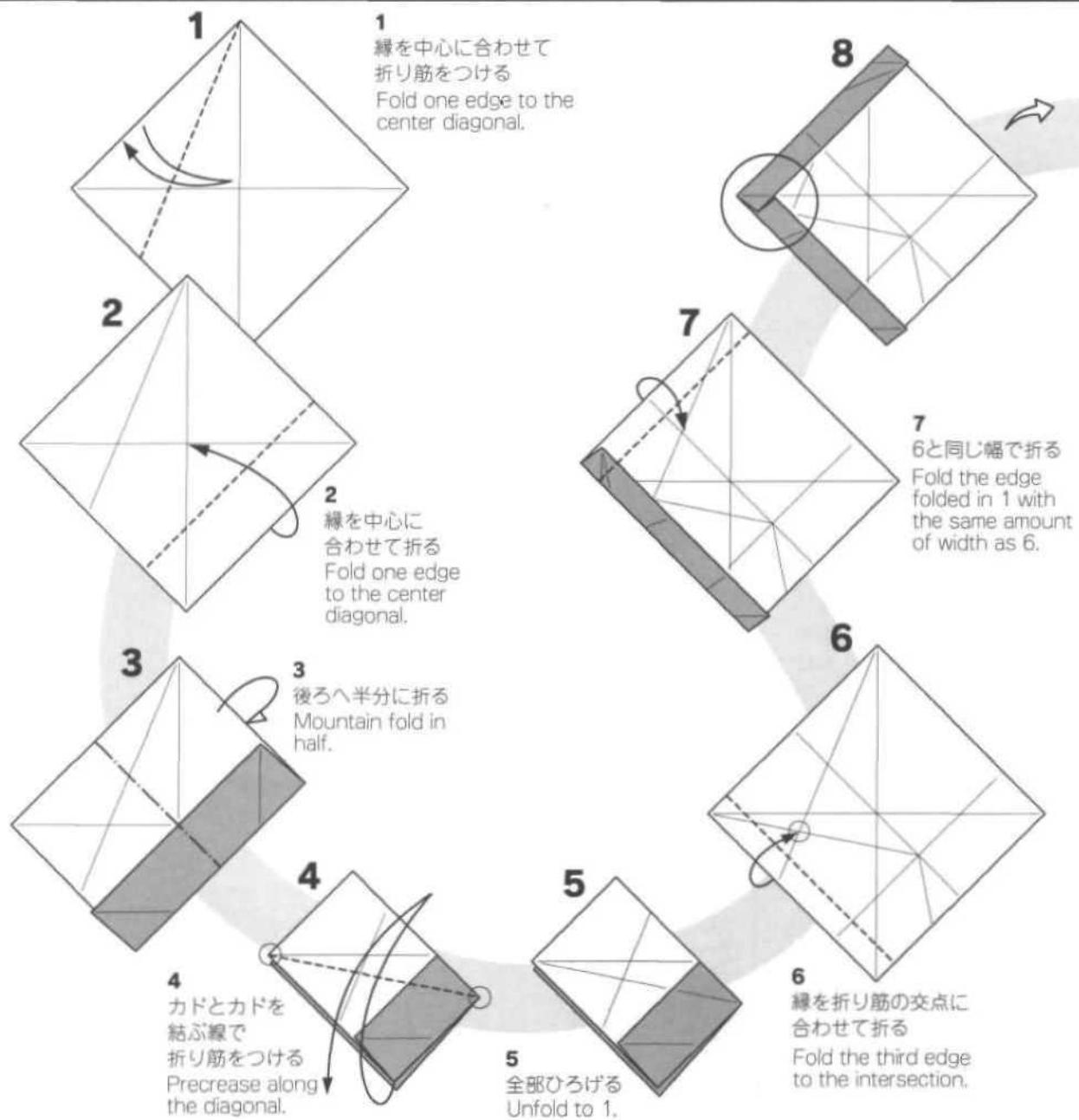
Poodle

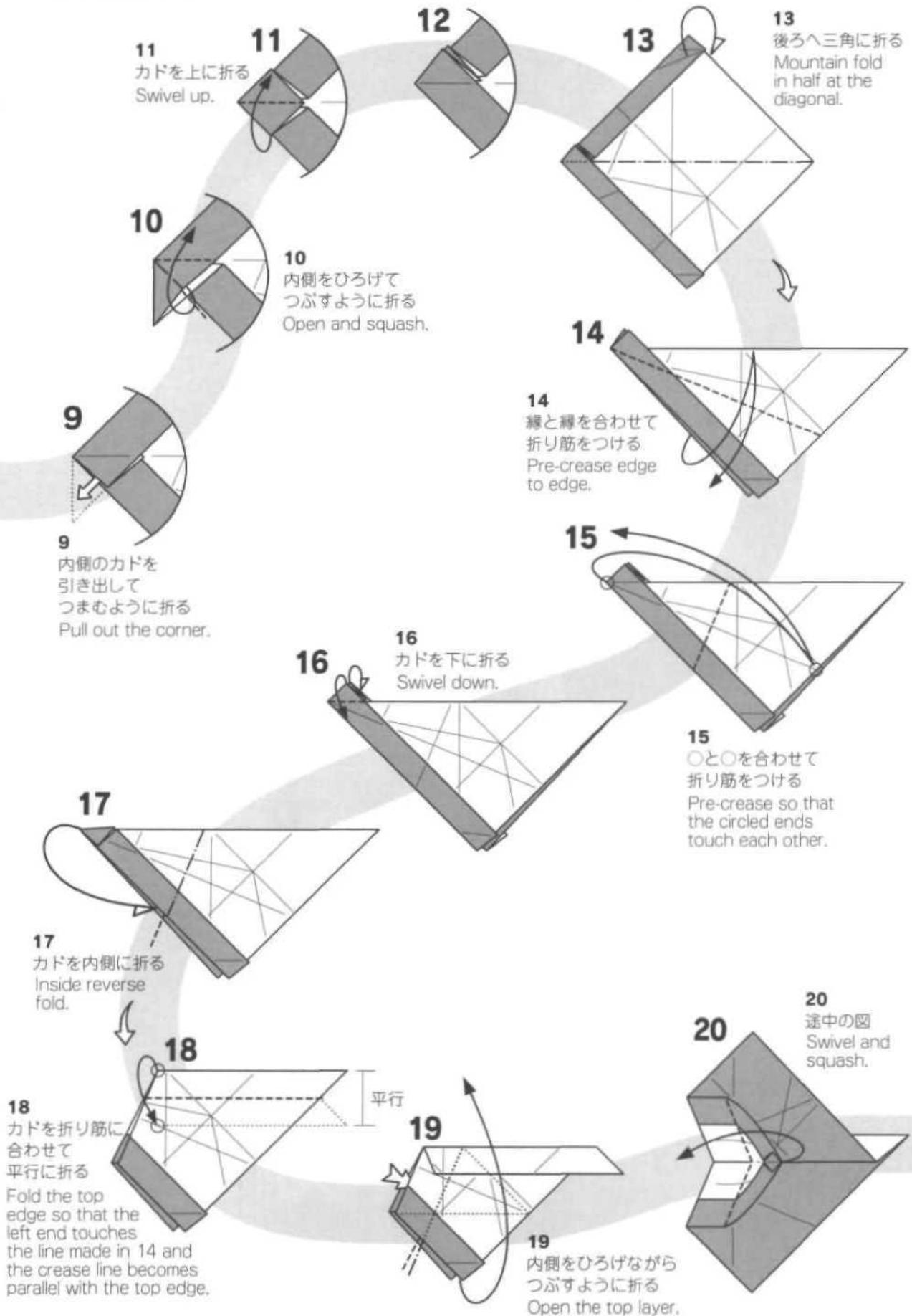
犬類の2つめは、足先や尻尾の先のボリュームが特徴的なブードルです。二辺に仕込みをして足先や尻尾の先にボリュームを与えます。

A poodle must be done with an emphasis on the legs and the tail. Extra layers made in the beginning do this.



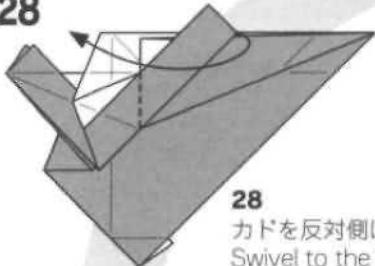
Created 1996 Paper 不切正方一枚折り: 1 piece





2 動物／ブードル

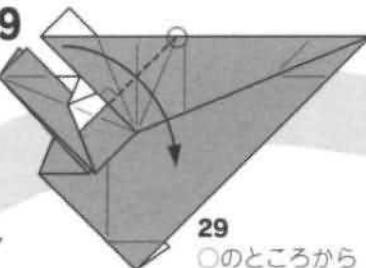
28



28

カドを反対側に折る
Swivel to the left.

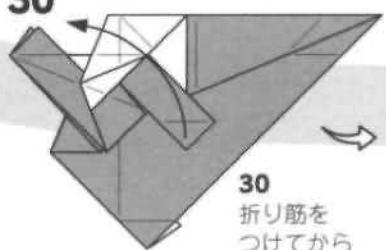
29



29

○のところから
縁と縁を
合わせて折る
Fold along the
hidden edge.
Note the end of
the crease line.

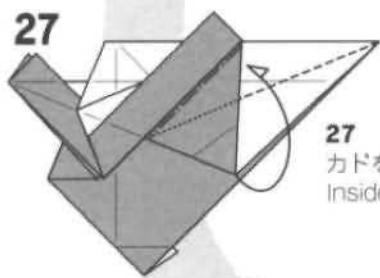
30



30

折り筋を
つけてから
戻す
Unfold.

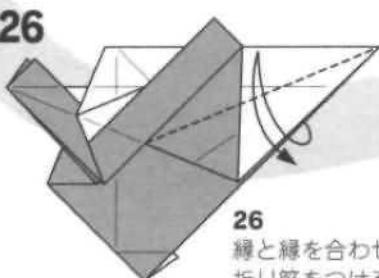
27



27

カドを内側に折る
Inside reverse fold.

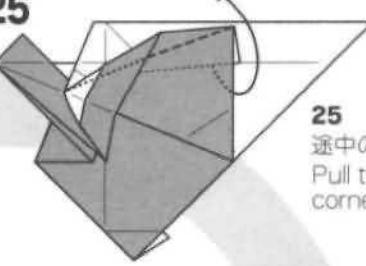
26



26

縁と縁を合わせて
折り筋をつける
Fold edge to edge.

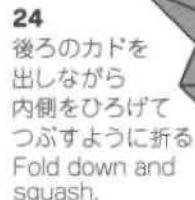
25



25

途中の図
Pull the hidden
corner up.

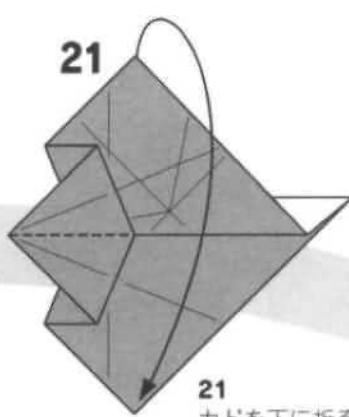
24



24

後ろのカドを
出しながら
内側をひろげて
つぶすように折る
Fold down and
squash.

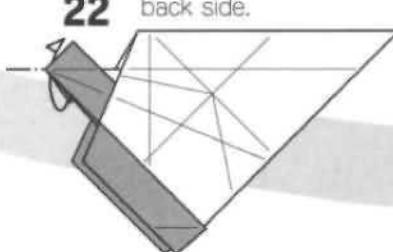
21



21

カドを下に折る
Close back.

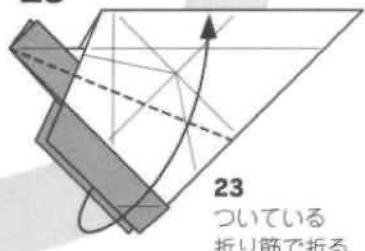
22



22

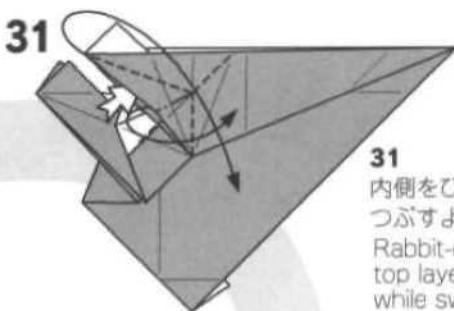
ついている
折り筋で折る
Swivel up on the
back side.

23

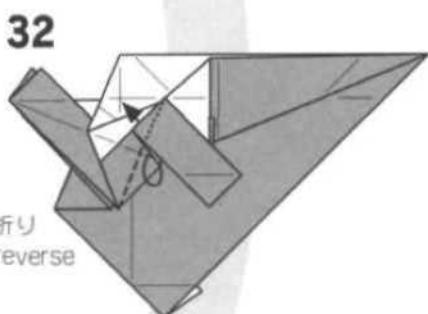


23

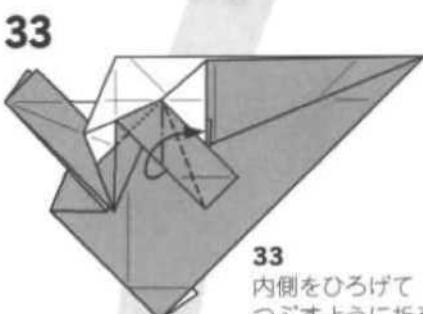
ついている
折り筋で折る
Fold up using the
pre-crease.



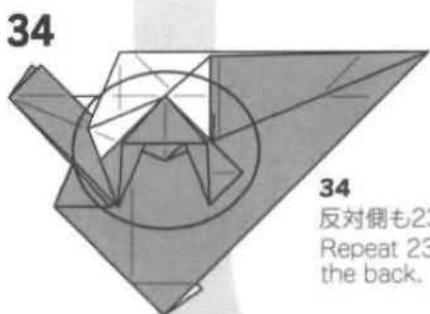
31
内側をひろげて
つぶすように折る
Rabbit-ear on the
top layer,
while swiveling the
next layer down.



32
中わり折り
Inside reverse
fold.



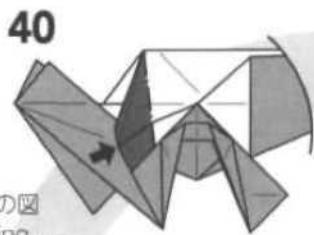
33
内側をひろげて
つぶすように折る
Open and squash.



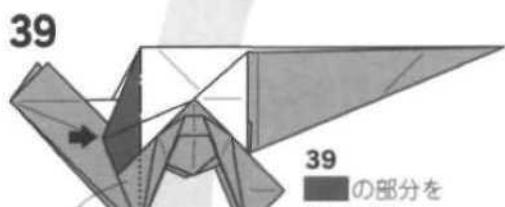
34
反対側も23~33と同じ
Repeat 23~33 on
the back.



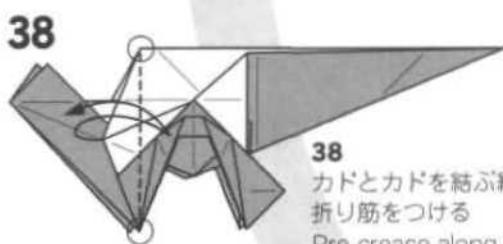
35
縁と縁を合わせて
折り筋をつける
Fold edge to edge.



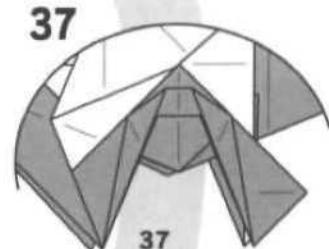
40
途中の図
Sinking ...



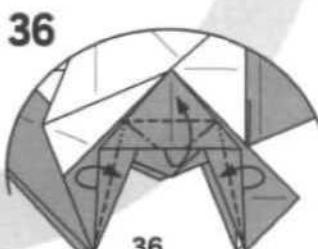
39
■の部分を
沈め折り
(closed sink)
Closed sink the
darkened part.



38
カドとカドを結ぶ線で
折り筋をつける
Pre-crease along the
line connecting the top
and bottom corners.



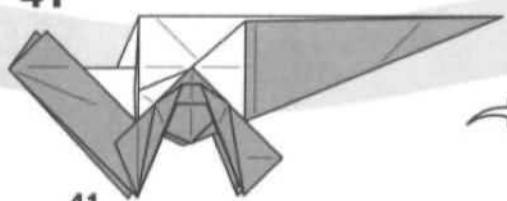
37
反対側も35~36と同じ
Repeat 35~36 on
the back.



36
内側をひろげて
つぶすように折る
Swivel and squash.

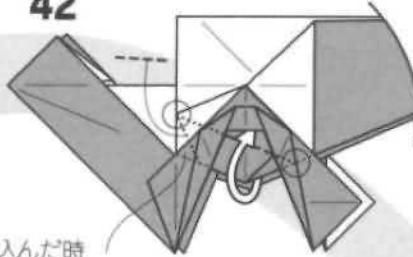
2 動物／ブードル

41



41
反対側も38~40と同じ
Sunk.
Repeat 38~40 on
the back.

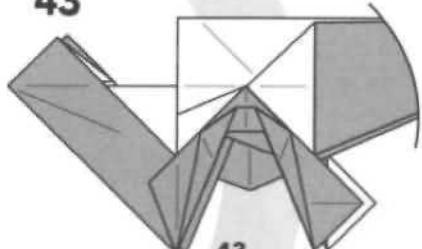
42



42

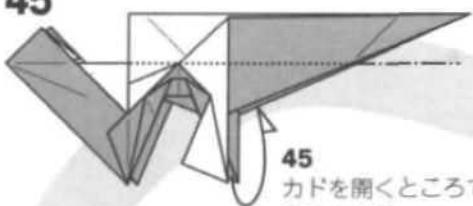
○と○を結ぶ線で
カドを内側に
折り込む
Tuck the body
inside along the line
connecting the
circled points.

43



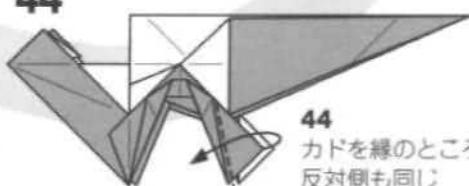
43
反対側も同じ
Repeat on the
back.

45



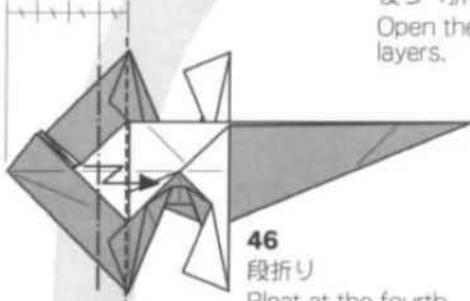
45
カドを開くところで
後ろへ折る
Open the back
layers.

44



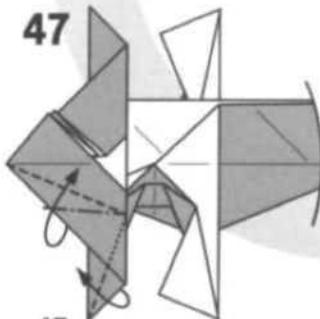
44
カドを縁のところで折る
反対側も同じ
Fold along the edge.
Repeat on the
back.

46



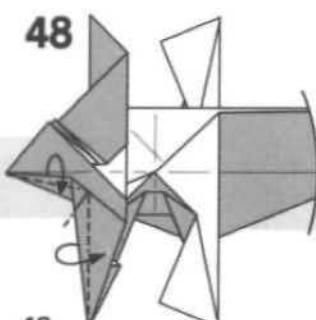
46
段折り
Pleat at the fourth.

47



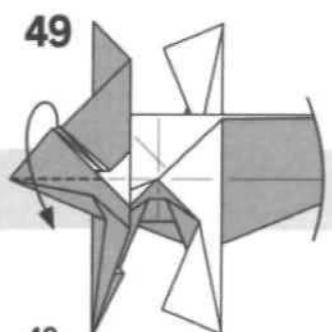
47
中心に合わせて
引き寄せる
ように折る
Swivel and squash.

48

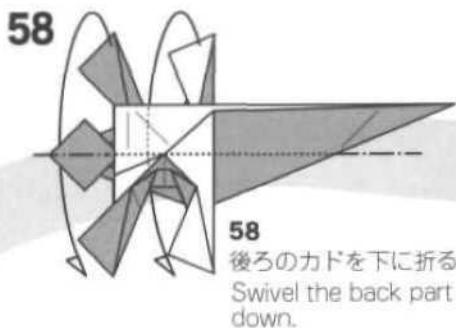
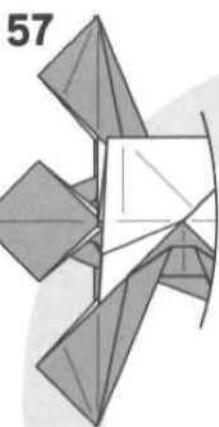


48
下の縁のところで
引き寄せるように折る
Fold along the edge
and squash.

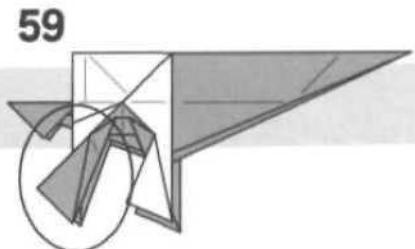
49



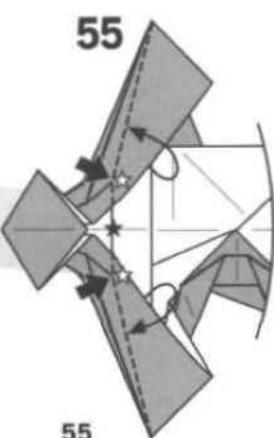
49
カドを2枚重ねて
反対側に折る
Fold down two layers.



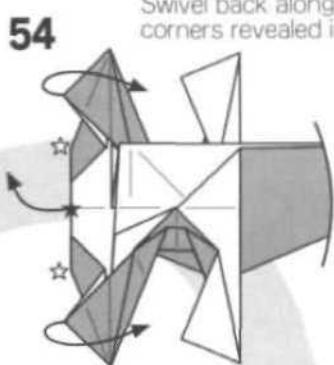
58 後ろのカドを下に折る
Swivel the back part down.



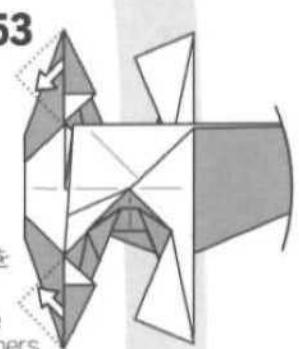
56 ★の部分を内側に
差し込みながら
折りまとめる
Note that a kind of
sink is formed.



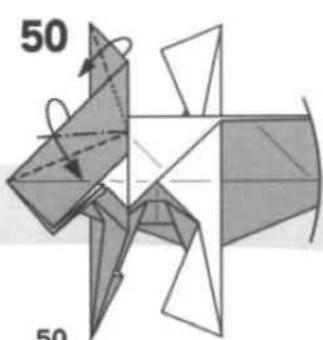
55 ☆のカドの部分を
押し込みながら
縁を裏返すようにする
Push the starred hidden
corners inside...



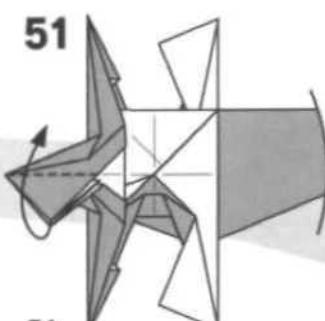
54 引き出したカドを反対側に
折りながら下のカドを出す
Swivel back along with the
corners revealed in 53.



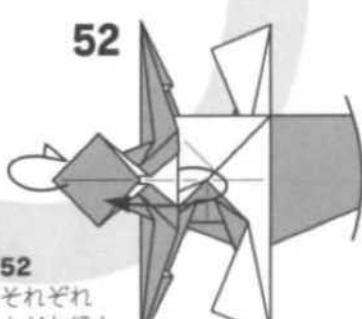
53 内側のカドを
引き出す
Pull out the
hidden corners.



50 反対側も47~48と同じ
Repeat 47~48 on the
top side.

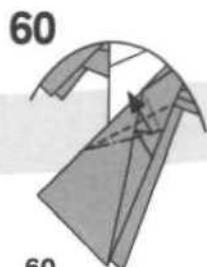


51 カドを上に折る
Fold up one layer.



52 それぞれ
カドと縁を
反対側に折る
Swivel to the left.

2 動物／ブードル



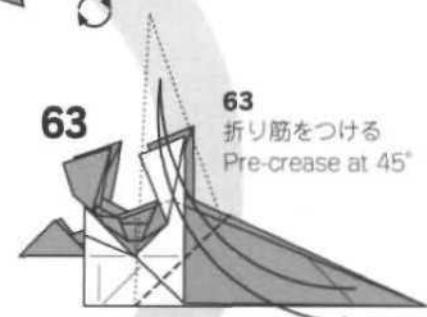
60
斜めに段折り
Pleat outside.



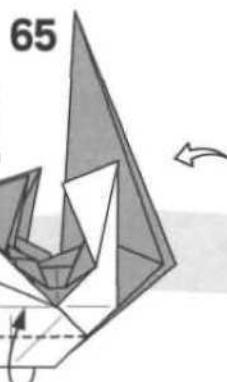
61
引き寄せるように
折って細くする
Fold edge to edge
and squash.



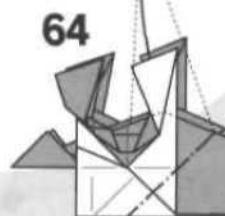
62
反対側も
60~61と同じ
Repeat 60~61
on the back.



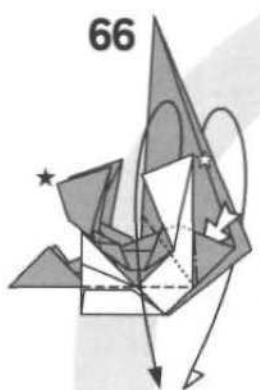
63
折り筋をつける
Pre-crease at 45°



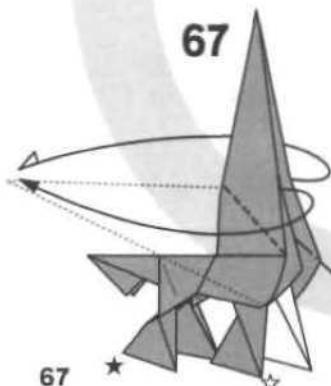
65
縁を折り筋に
あわせて折る
Fold edge to edge.



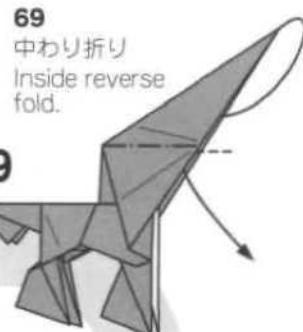
64
中わり折り
Inside reverse
fold.



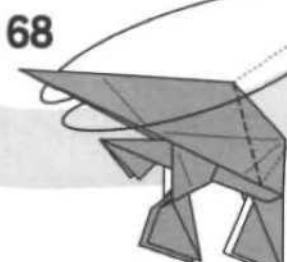
66
内側をひろげながら
縁のところでカドを
反対側に折る
Fold down.
The head part will
be pulled open.



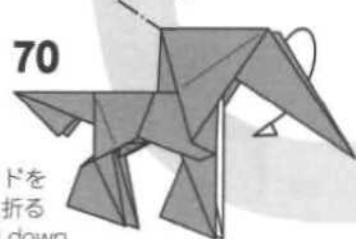
67
つられて持ち上がる
部分は立体のまま
カドをかぶせ折り
してつぶすように折る
While keeping the head
part three-dimensional,
form an outside-reverse
fold.



69
中わり折り
Inside reverse
fold.



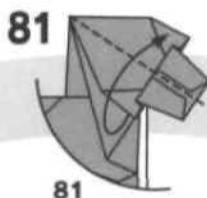
68
かぶせ折り
Another outside
reverse fold.



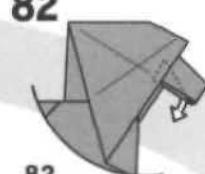
70
下のカドを
後ろへ折る
Swivel down
the back part.



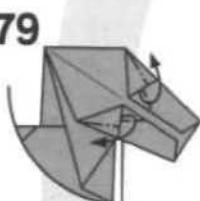
80
段折り
Pleat.



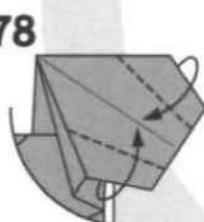
81
カドとカドを
合わせて折る
Fold up the
head in half.



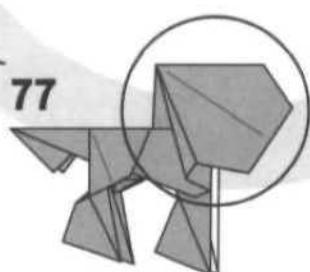
82
内側のカドを
つまんで
ずらすように折る
Slide down the jaw.



79
内側をひろげて
つぶすように折る
Squash.



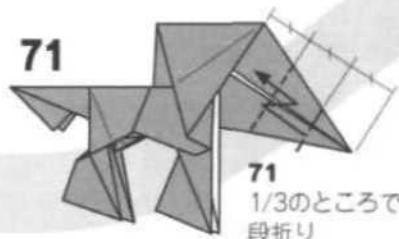
78
縁を折り筋に
合わせて折る
Fold edge to
edge.



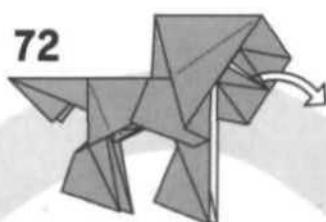
76
それぞれカドを
反対側に折る
Swivel down.



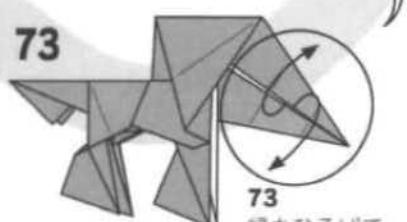
75
ついている折り筋で
引き寄せるように
折りまとめる
Assemble back using
the crease lines.



71
1/3のところで
段折り
Pleat at thirds.



72
しっかりと
折り筋を
つけてから戻す
Unfold.



73
縁をひろげて
内側を見る
Open and look
inside.



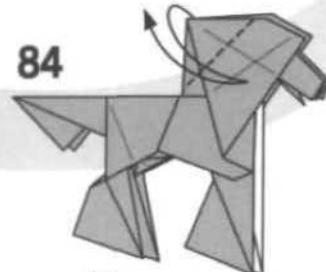
74
ついている
折り筋で
段折り
Pleat using
the crease lines.



75
縁をひろげて
内側を見る
Open and look
inside.

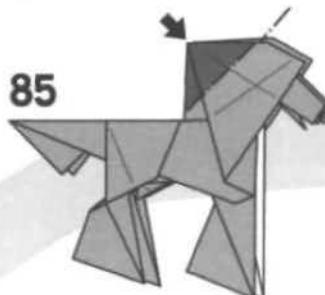
2 動物／ブードル

84



斜めにしっかりと
折り筋をつける
Precrease tightly.

85



85
■の部分を
沈め折り
Sink the
darkened part.

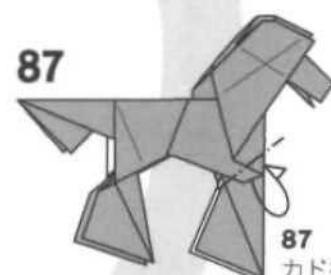
86



86

途中の図
Sinking ...

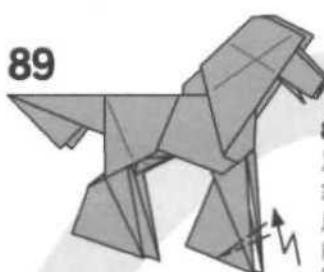
87



87

カドを内側に折る
反対側も同じ
Tuck inside.
Repeat on
the back.

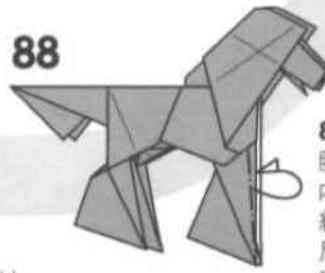
89



89

足の先を
斜めに段折り
反対側も同じ
Pleat inside.
Repeat on
the back.

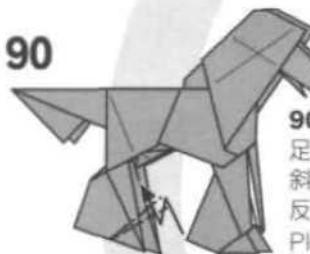
88



88

脚の縁を
内側に折って
細くする
反対側も同じ
Narrow the
front legs.

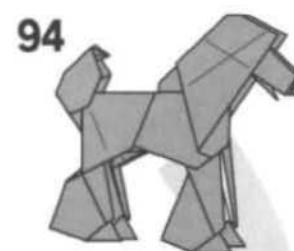
90



90

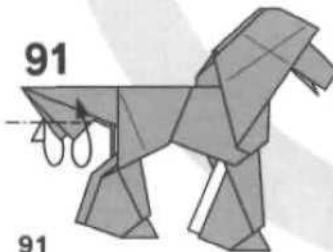
足の先を
斜めに段折り
反対側も同じ
Pleat inside.
Repeat on the back.

94



できあがり
Model Completed

91

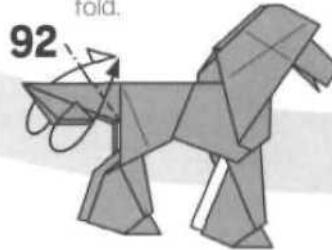


カドを上に折る
Fold the tips up.

92

かぶせ折り
Outside reverse
fold.

92



93



93

中わり折り
Inside reverse fold.

トラ

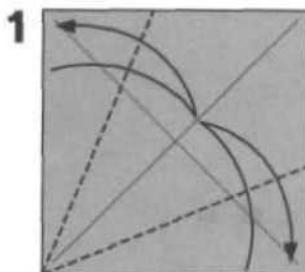
Tiger

顔を折りで作り込むことを明確に目指したことによって、角の無限折りの幾何学的パターンを具象作品に定着させることが出来ました。折り紙における幾何学性と見立ての重要性を強く認識するきっかけとなった思い出深い作品です。

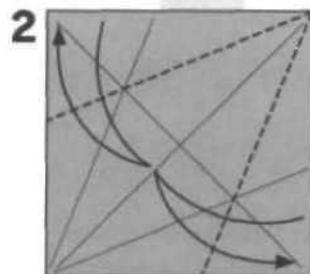
This Tiger features detailed description of a face. This is a good example of an application of geometrical pattern folds like infinite folds of angles to a descriptive model. This model let me recognize that Origami is both concrete and abstract.



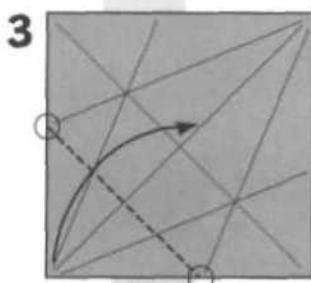
Created 1985 Paper 不切正方一枚折り: 1 piece



1 線を中心に行わせて
折り筋をつける
Fold one edge to the
center diagonal.



2 線を中心に行わせて
折り筋をつける
Repeat on the
other half.



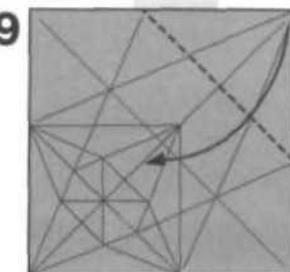
3 折り筋と線の
交点の
ところから折る
Fold up at the
intersections.



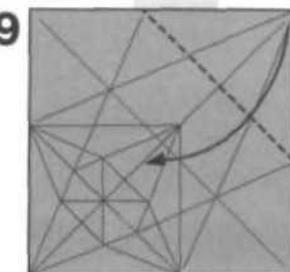
4 後ろへ
半分に折る
Mountain fold
in half.



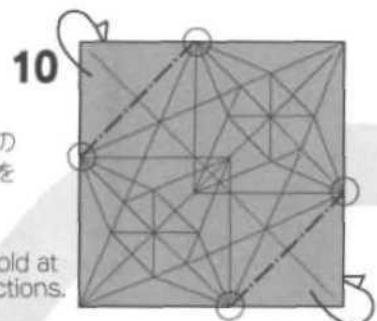
5 線に沿って
反対側に折る
Swivel to
the right.



6 内側をひろげて
つぶすように折る
Open and squash.

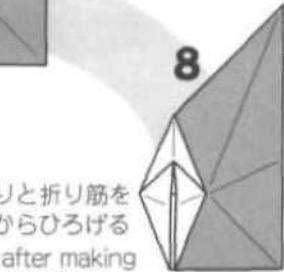


7 内側をひろげて
つぶすように折る
Swivel up and
squash.

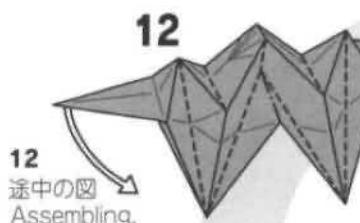


10 折り筋と線の
交点と交点を
結ぶ線で
後ろへ折る
Mountain fold at
the intersections.

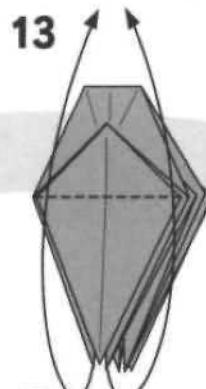
9 反対側も3~8と
同じように
折り筋をつける
Repeat 3~8 on
the other half.



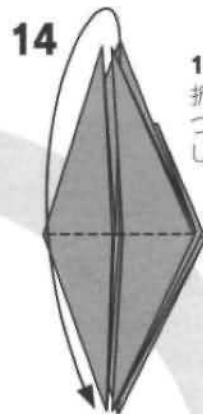
2 動物／トラ



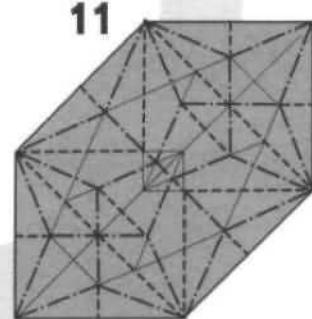
途中の図
Assembling.



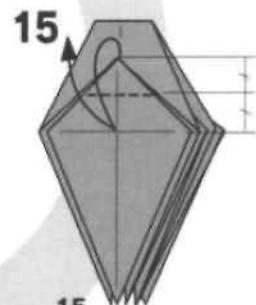
13
カドを2枚重ねて
上に折る
Fold up two layers.



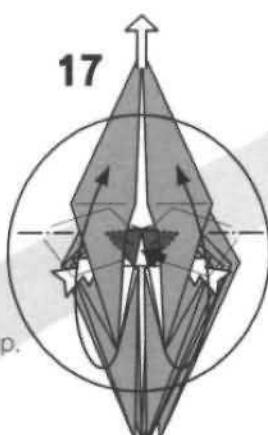
14
折り筋を
つけて戻す
Unfold to 13.



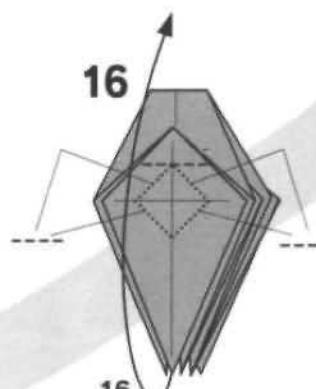
11
図のように山折り谷折りの
筋をつけ直して折りまとめる
Assemble using the crease lines made so far.



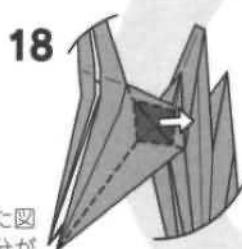
15
カドを折り筋に
合わせて
折り筋をつける
Fold down to
the diagonal.



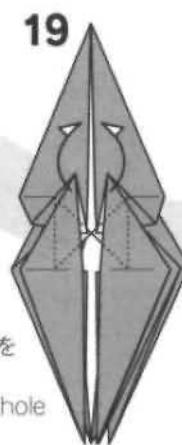
17
■の部分を
内側に押し込んで
つぶすように折る
The inner white
layers are pulled up.
Squash them.



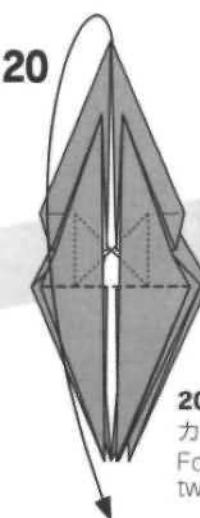
16
つけた折り筋で
カドを上に折る
Fold up.



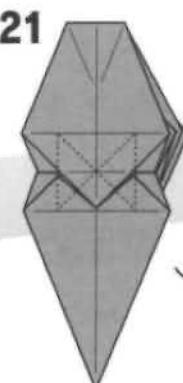
18
横から見た図
■の部分が
手前に押し出される
The side view.
The darkened part is
to be squashed.

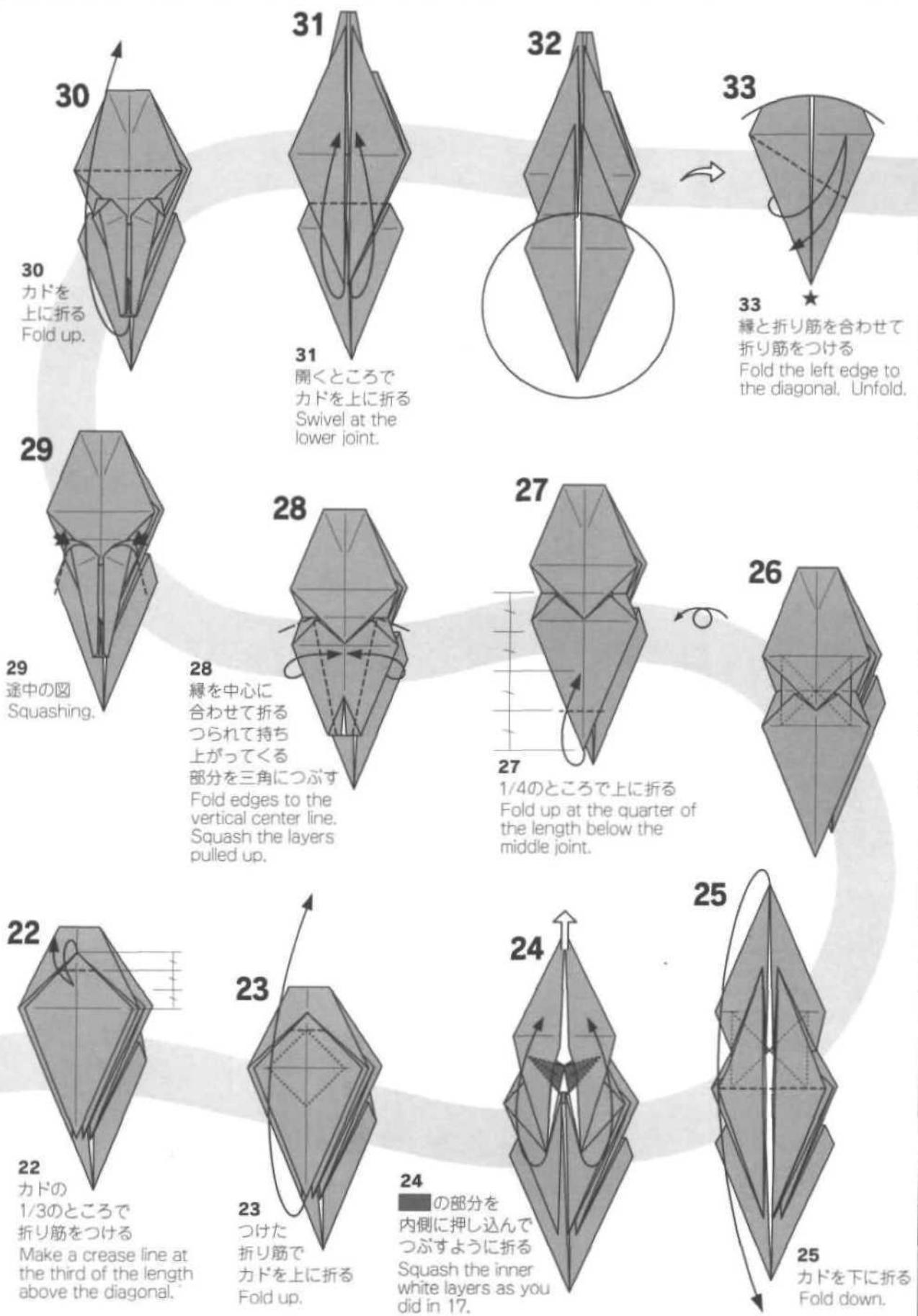


19
途中の図
そのまま全体を
平らに畳む
Flatten the whole
thing.

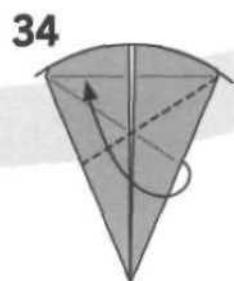


20
カドを下に折る
Fold down
two layers.

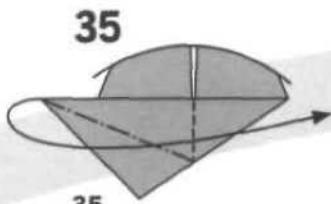




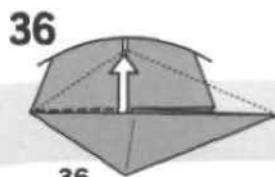
2 動物／トラ



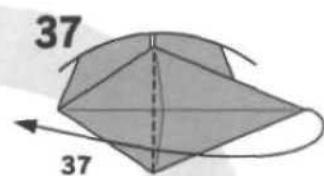
34
縁と折り筋を
合わせて折る
Repeat on the
right.



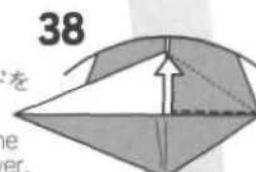
35
カドをつまむように折る
Rabbit ear fold.



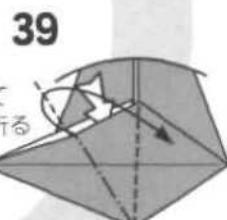
36
内側のカドを
引き出す
Pull out the
hidden layer.



37
カドを反対側に折る
Swivel to the left.



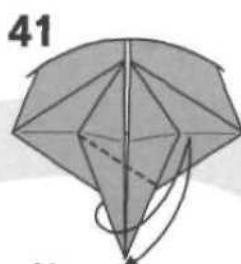
38
内側のカドを
引き出す
Pull out the
hidden layer.



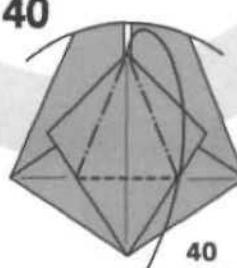
39
内側をひろげて
つぶすように折る
Open and
squash.



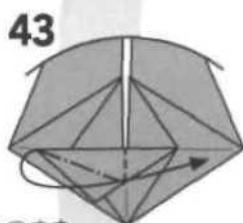
42
縁と折り筋を
合わせて折る
Repeat on the
right.



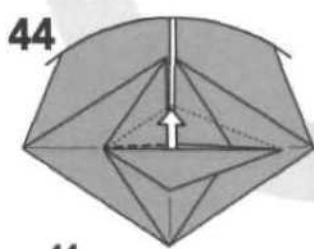
41
縁と折り筋を合わせて
折り筋をつける
Fold the left edge
to the diagonal.



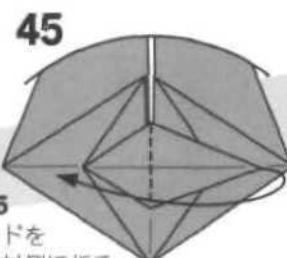
40
内側をひろげて
つぶすように折る
Swivel and squash.



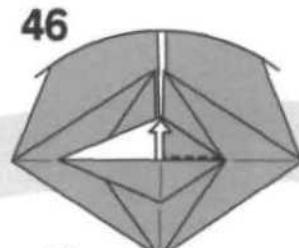
43
カドをつまむ
ように折る
Rabbit ear fold.



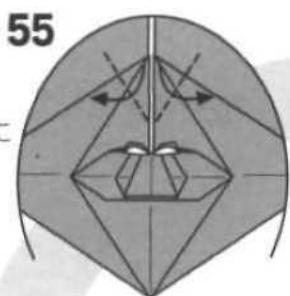
44
内側のカドを引き出す
Pull out the inner layer.



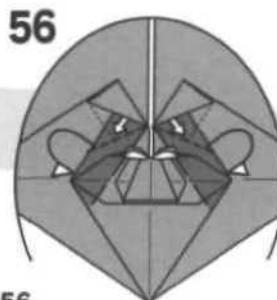
45
カドを
反対側に折る
Swivel to the left.



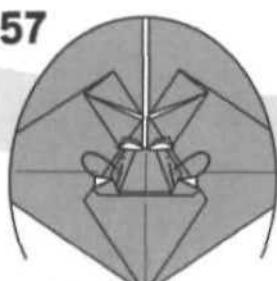
46
内側のカドを引き出す
Pull out the inner layer.



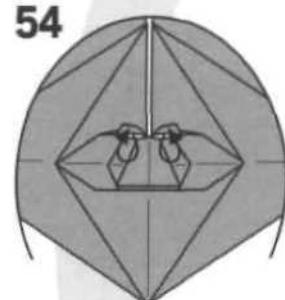
55
カドを斜めに
折る
Valley fold the ears.



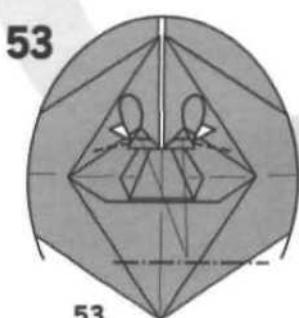
56
内側の部分を出しながら
■の部分を後ろへ折る
Tuck the darkened parts inside.
The hidden layers of the ears
will be revealed.



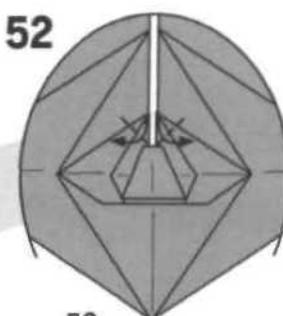
57
少し細くするように
後ろへ折る
Tuck the corners
inside.



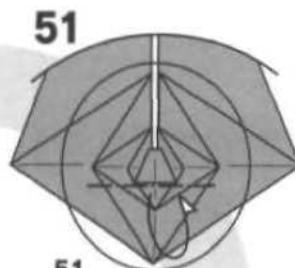
54
すき間をひろげる
Open eyes.



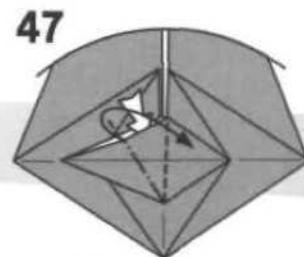
53
カドを内側に折る
Mountain fold the
top of the lid.



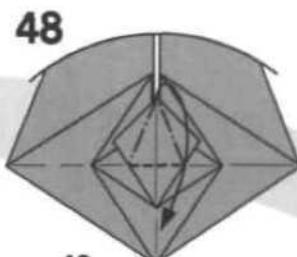
52
カドを斜めに折る
Valley folds.
This step makes
eyes.



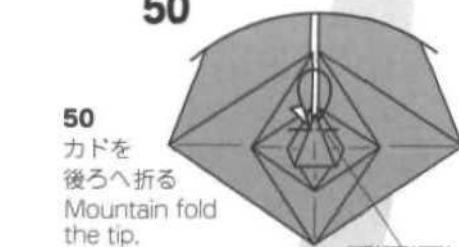
51
カドを後ろへ折る
Mountain fold the
lower corner.



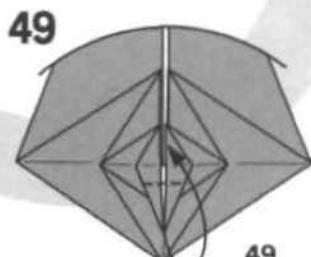
47
内側をひろげて
つぶすように折る
Open and squash.



48
内側をひろげて
つぶすように折る
Swivel and squash.

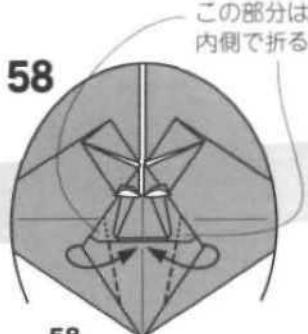


50
カドを
後ろへ折る
Mountain fold
the tip.

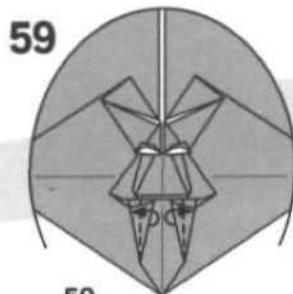


49
カドを上に折る
Fold up.

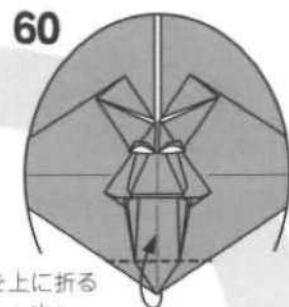
2 動物／トラ



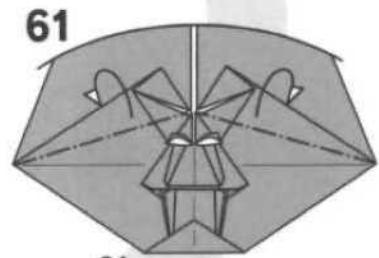
58
口になるところを
斜めに折る
Valley fold the inner layers
to form a mouth.



59
縁と縁を合わせて
細く折る
Fold edge to edge
and shape the
mouth.

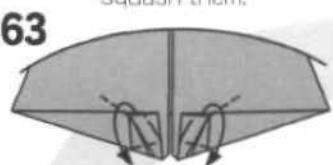


60
カドを上に折る
Fold up the
bottom corner.



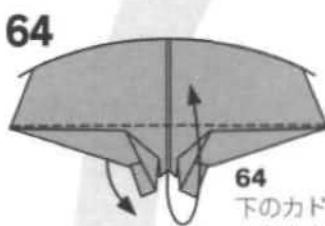
61
カドを後ろへ折る
Mountain fold
the corners.

63
内側をひろげて
つぶすように折る
Open the ears and
squash them.

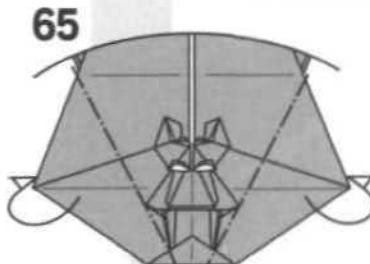


62

62
それぞれカドを
同時に反対側に折る
Swivel the face
backwards.

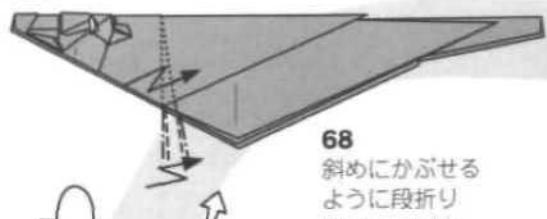


64
下のカドを出しながら
カドを上に折る
Swivel back.

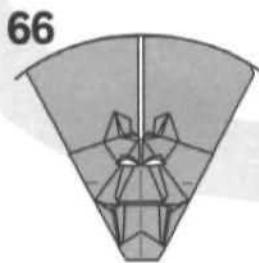


65
縁を中心にはわせて
後ろへ折る
Mountain fold the
bottom edges to
the center.

68

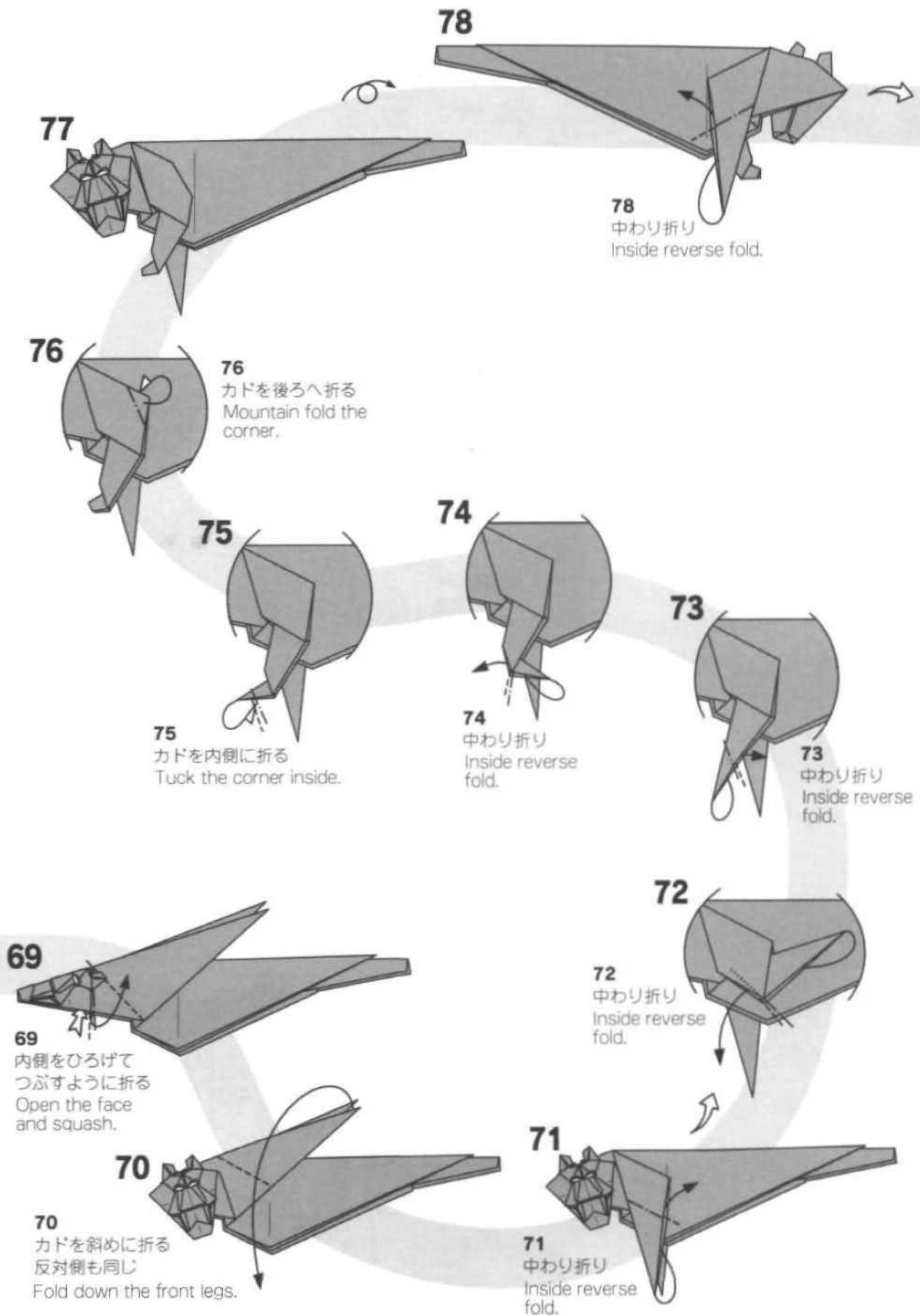


68
斜めにかぶせる
ように段折り
Pleat outside.



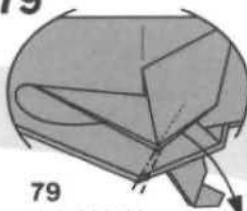
67

67
後ろへ半分に折る
Mountain fold in half.



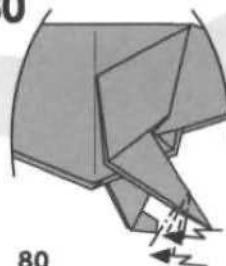
2 動物／トラ

79



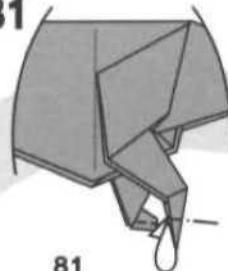
79
中わり折り
Inside reverse fold.

80



80
かぶせるように
段折り
Pleat outside.

81



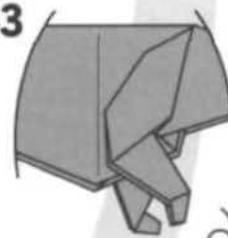
81
カドを内側に折る
Tuck the corner
inside.

82

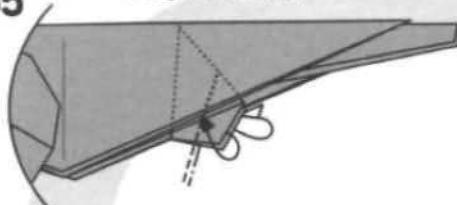


82
カドを後ろへ折る
Mountain fold the
corner.

83

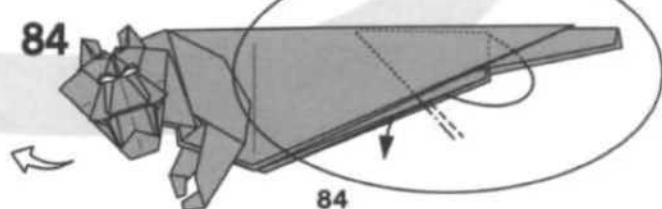


85



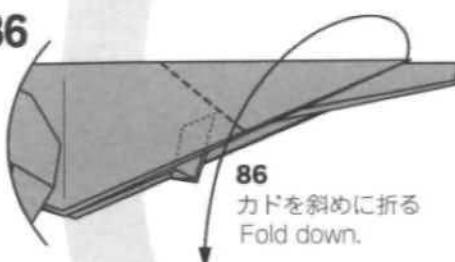
85
かぶせるように
折る
Valley fold inside.

84



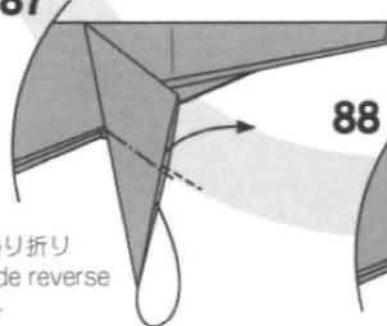
84
内側のカドを
中わり折り
Inside reverse
the inner layers.

86



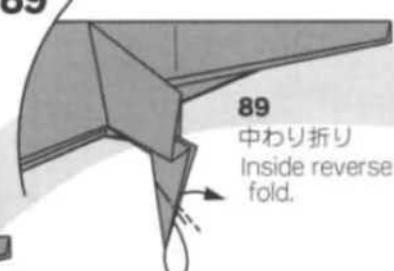
86
カドを斜めに折る
Fold down.

87



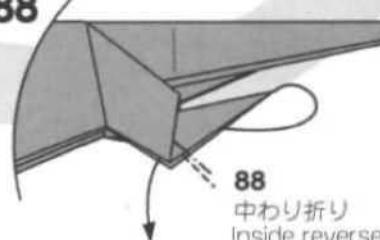
87
中わり折り
Inside reverse
fold.

89

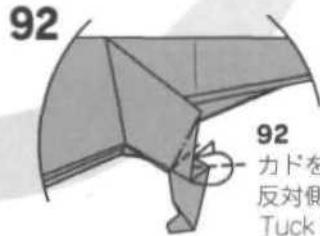
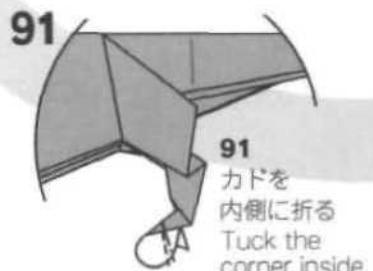
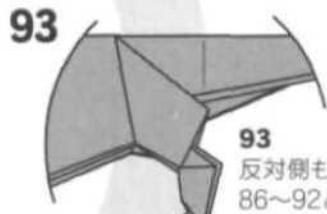
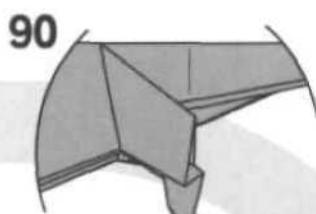
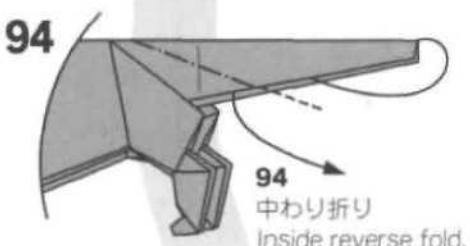
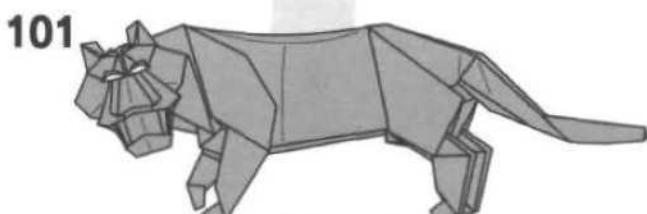
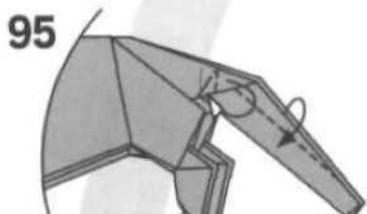
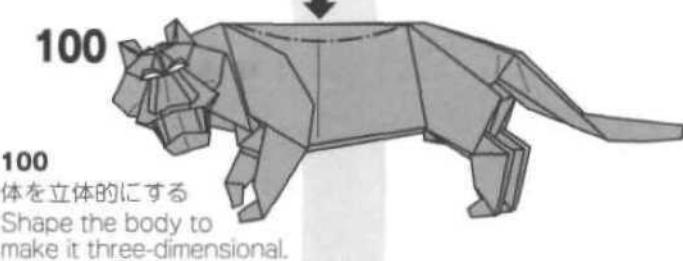
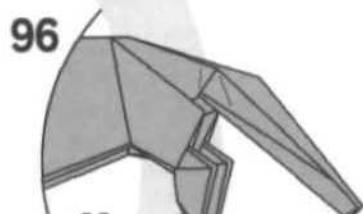
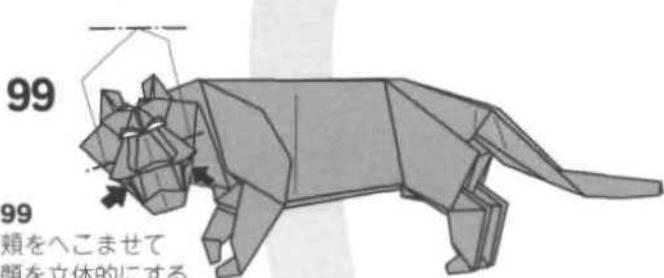
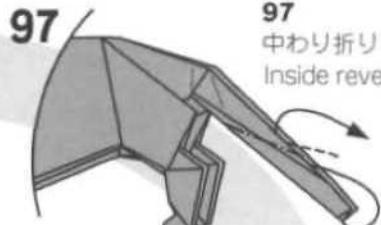
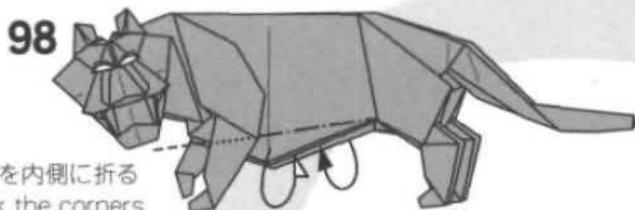


89
中わり折り
Inside reverse
fold.

88



88
中わり折り
Inside reverse
fold.



馬

Horse

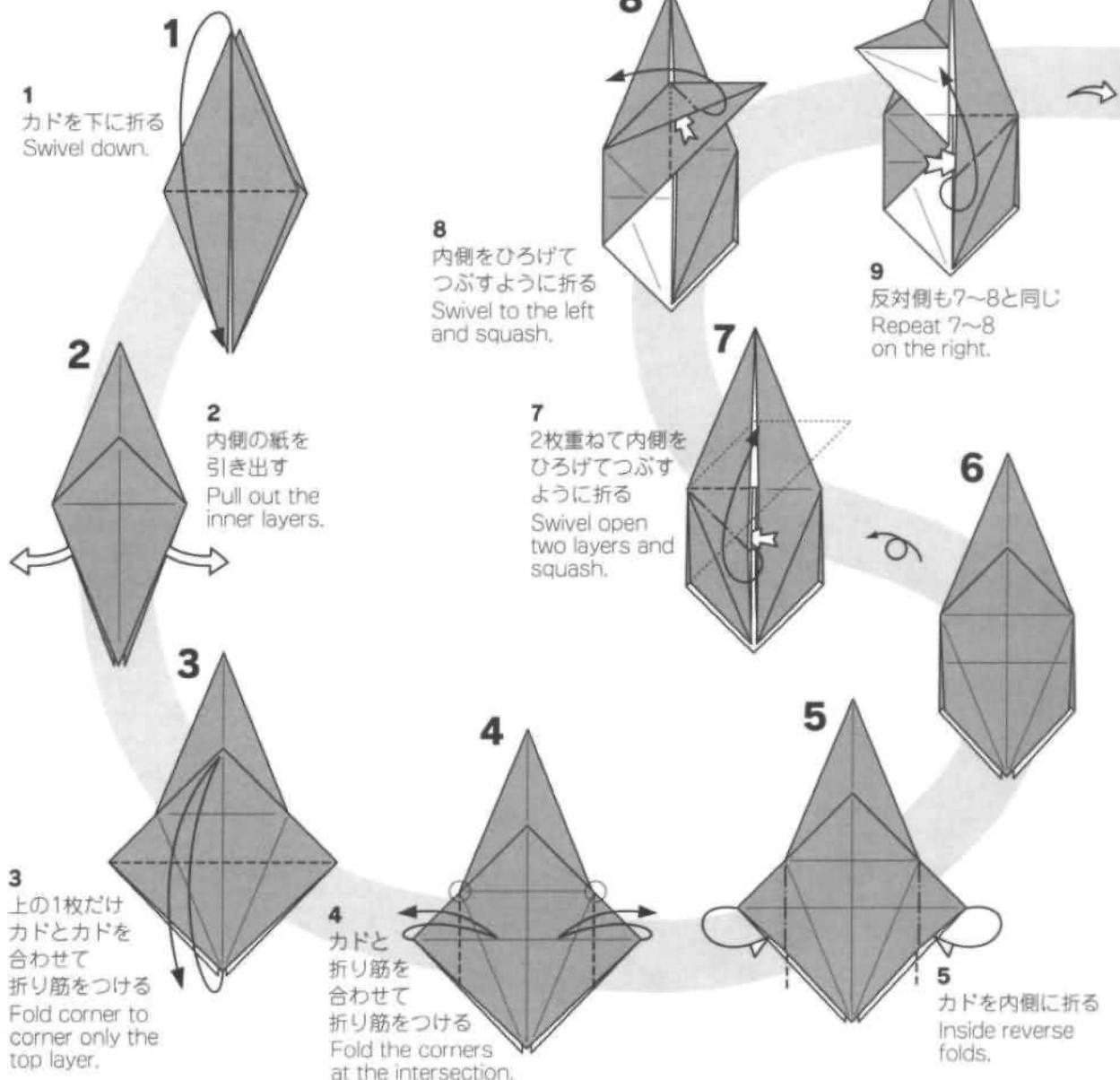
体は厚くなりますので背中を割らないように気をつけて折ってください。コツをつかめば、体の厚みがむしろ重量感を与えてくれます。頭部から鬣にかけての表現は、ペガサスに引き継がれています。

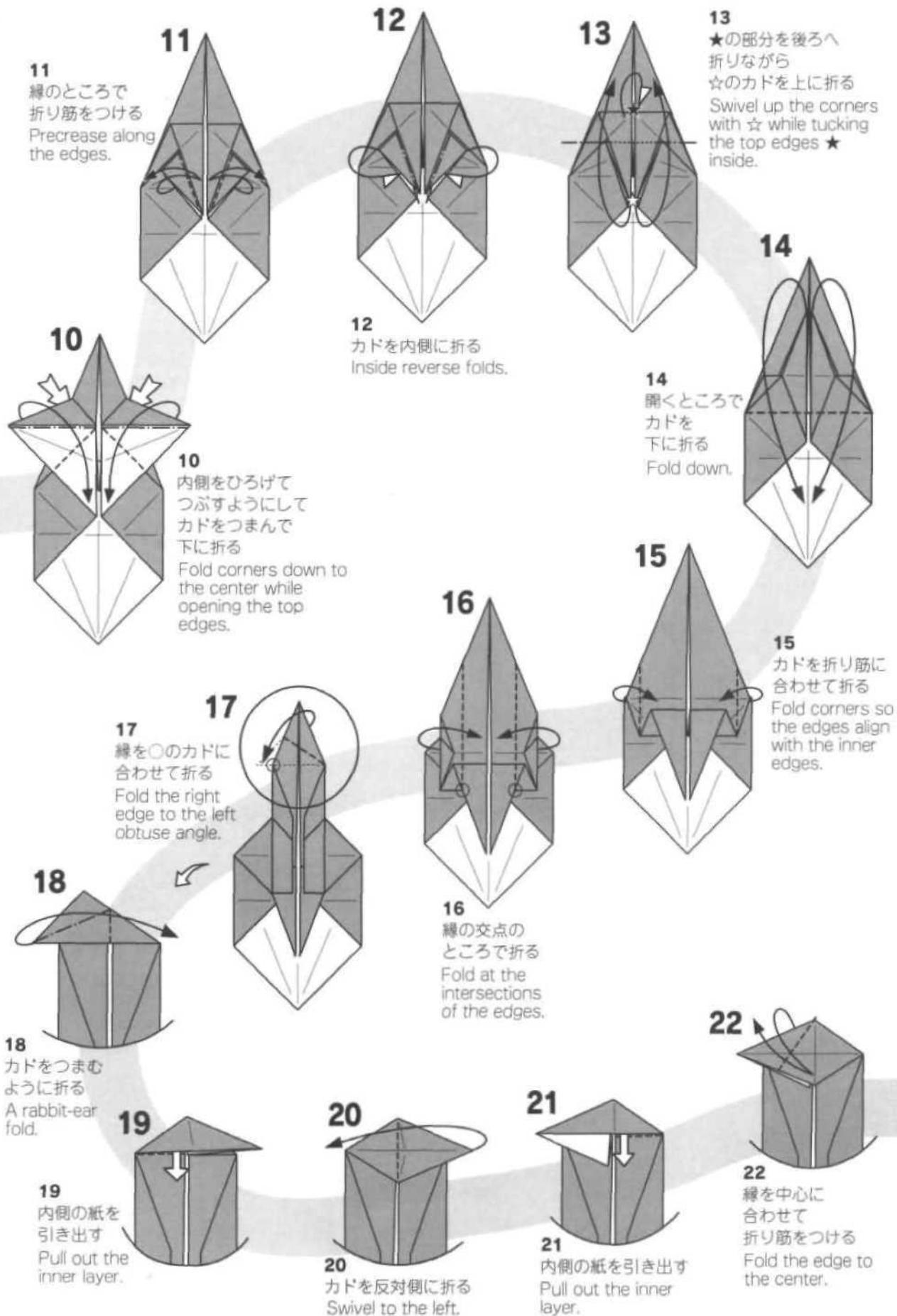
Carefully form the back, as there are thick layers so that it may crack. The thickness, when carefully folded, can give this model concreteness. The head and the mane are formed in the same way as the head and the mane of Pegasus are.



Created 1989 Paper 不切正方一枚折り: 1 piece

P. 8 [鶴の基本形] からはじめる
Start with [Bird Base] (P. 8)





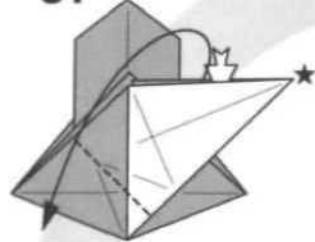
2 動物／馬

31

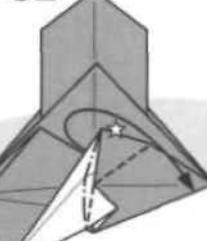
内側をひろげて
ついている折り筋で
反対側に折る

Open along the
precrease line.

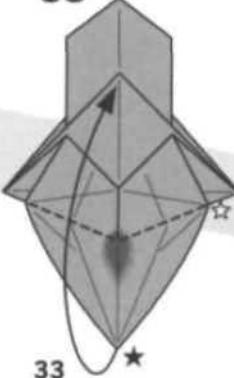
31



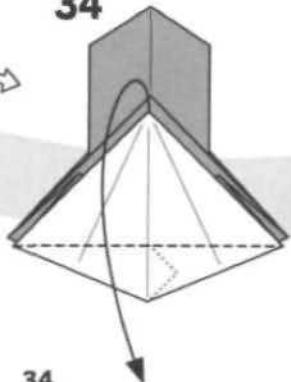
32



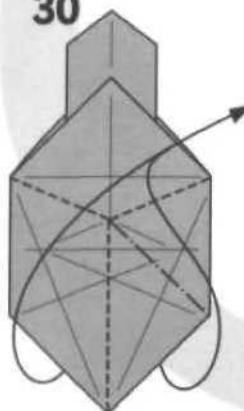
33



34



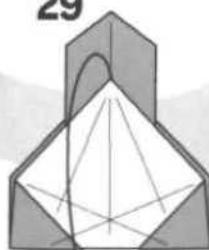
30



30

つけた折り筋を
使って折りたたむ
Fold as shown.
A kind of rabbit-ear
fold.

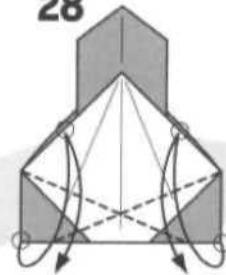
29



29

27の形まで戻す
Unfold to 27.

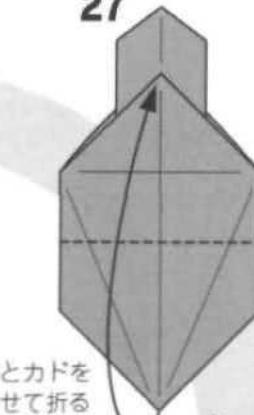
28



28

カドと縁を合わせて
折り筋をつける
Fold the corners to
the top edges.

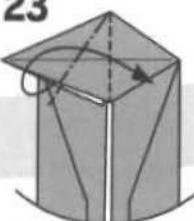
27



27

カドとカドを
合わせて折る
Fold corner to
corner.

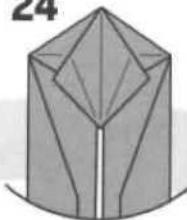
23



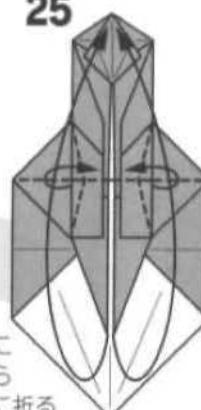
23

内側をひろげて
つぶすように折る
Open and squash.

24

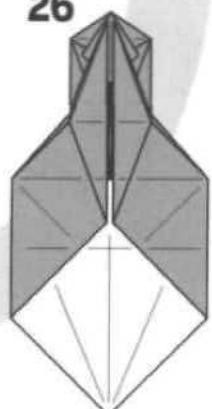


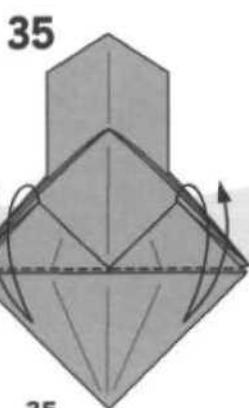
25



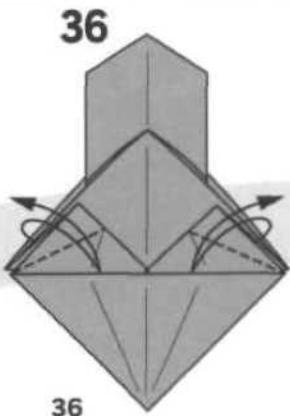
縁を内側に
折りながら
カドを上に折る
Swivel up while narrowing
the edges (a kind of
inside-reverse fold).

26

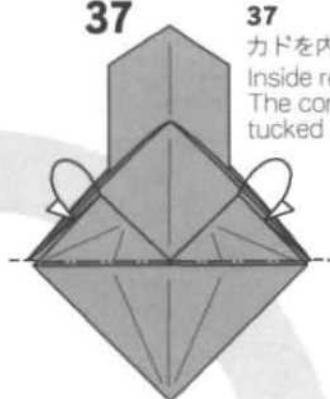




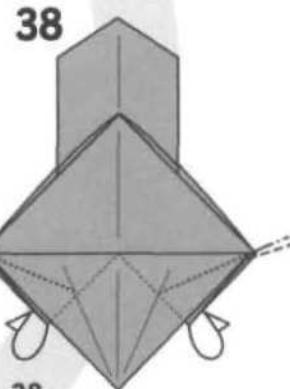
35
縁のところで
折り筋をつける
Precrease along
the edge.



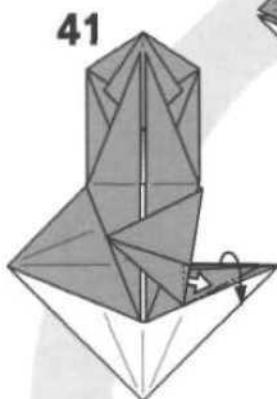
36
縁と縁を合わせて
折り筋をつける
Fold the top edges
to the diagonal edge.



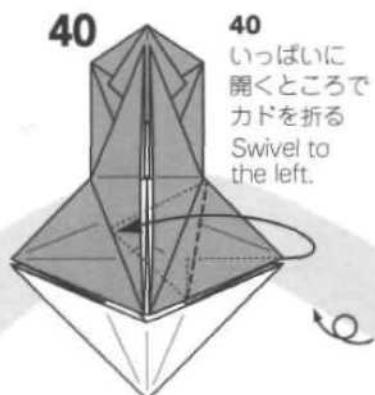
37
カドを内側に折る
Inside reverse folds.
The corners are
tucked in.



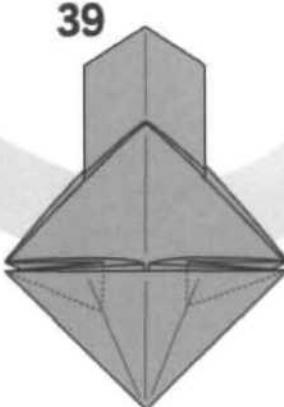
38
36でつけた折り筋で
カドを内側に折る
Inside reverse folds
along the precrease
lines of 36.



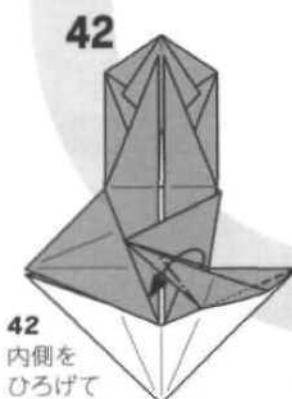
41
内側の紙を
引き出して
ずらしてつぶす
ように折る
Pull out the layer
tucked in and
squash.



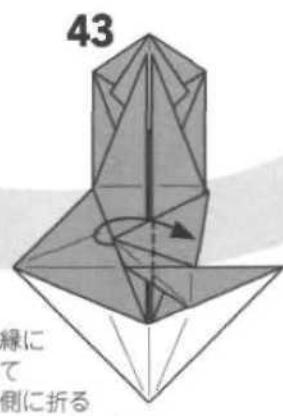
40
いっぱいに
開くところで
カドを折る
Swivel to
the left.



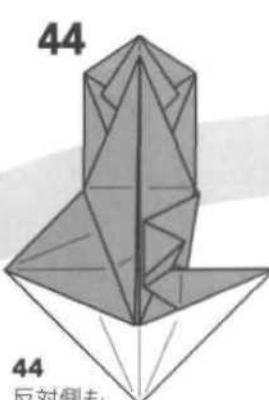
39



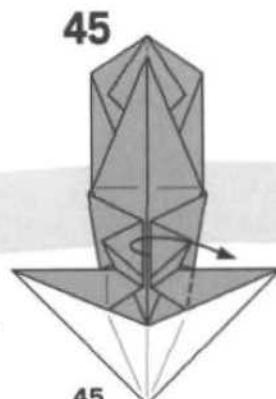
42
内側を
ひろげて
ずらして
つぶすように折る
Open and squash.



43
下の縁に
沿って
反対側に折る
Swivel to the right.

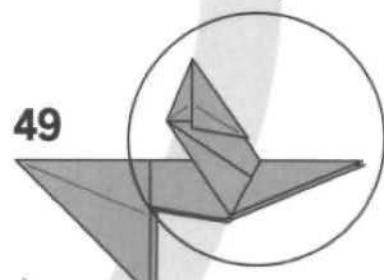
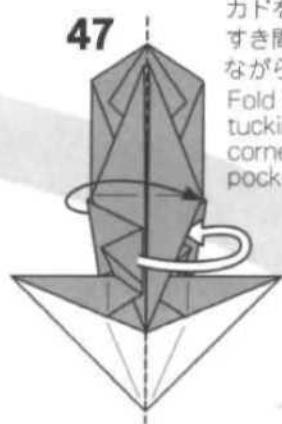
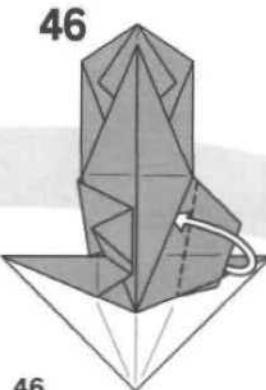
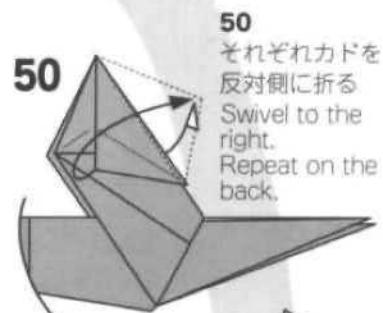
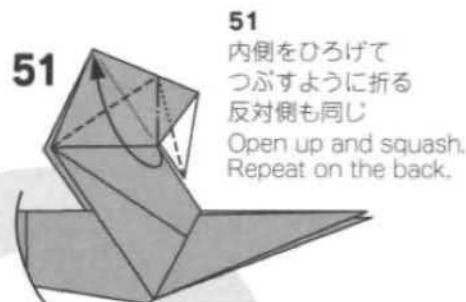
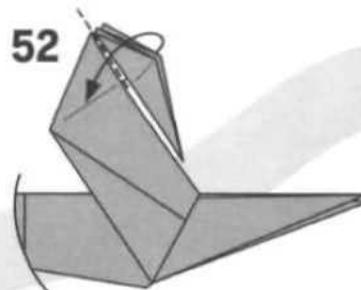
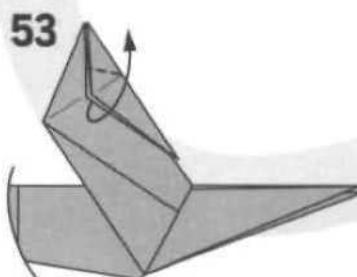
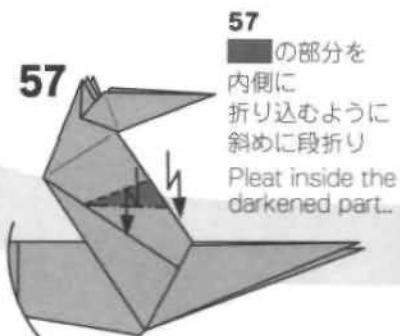


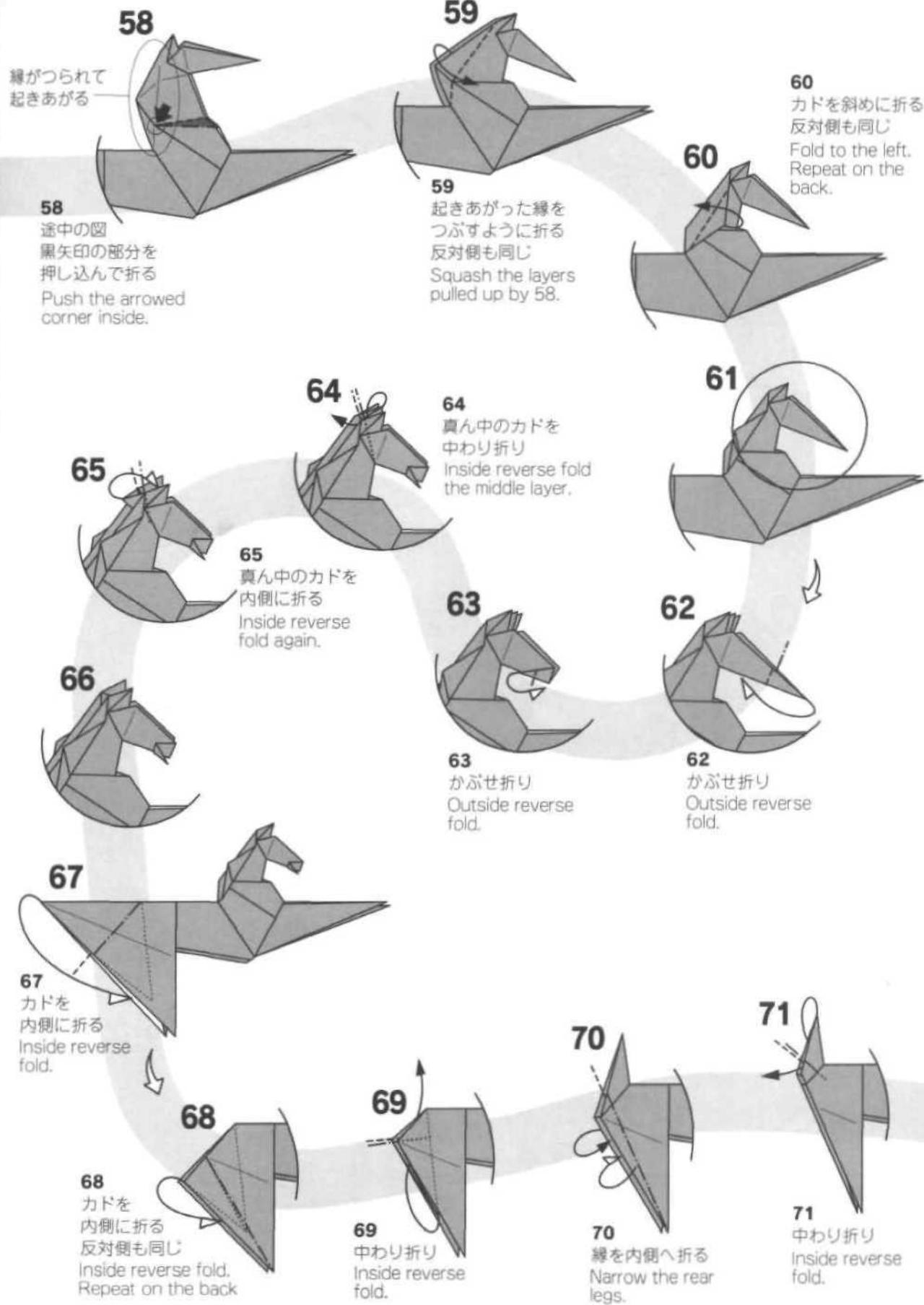
44
反対側も
40~43と同じ
Repeat 40~43
on the left.



45
片側のカドを
反対側に折る
Swivel to the right.

2 動物／馬



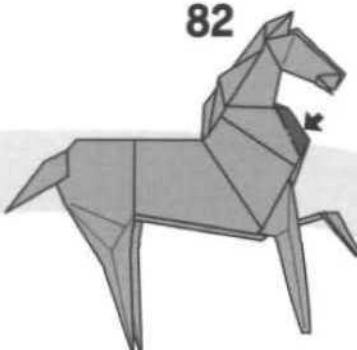


2 動物／馬

81
カドを内側に折る
Inside reverse fold
the tip of the toe.

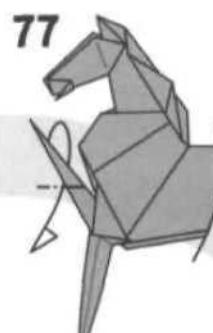
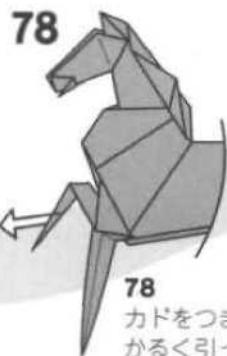
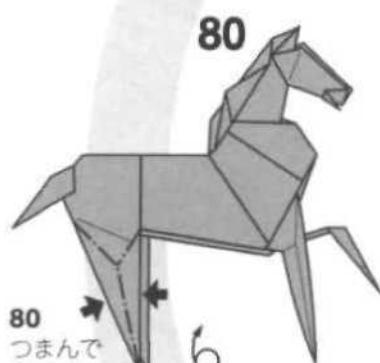


82
■の部分を
つぶして平らにする
Squash the
darkened part.

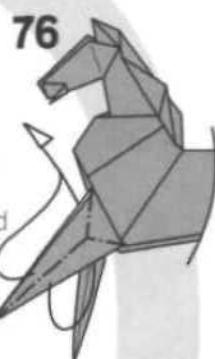


できあがり
Model Completed

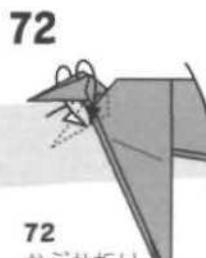
80
つまんで
細くする
ように折る
反対側も同じ
Rabbit-ear
folds



77
カドを後ろへ折る
A mountain fold.

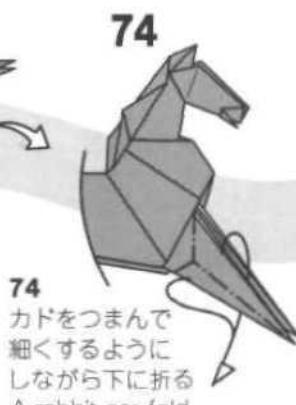


76
カドをつまんで
後ろへ上に折る
A rabbit-eat fold
and fold up.

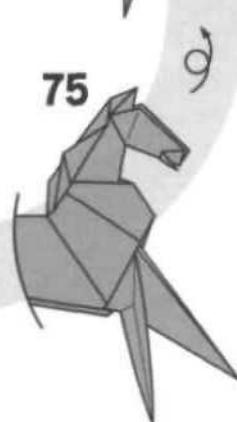


72
かぶせ折り
Outside
reverse fold.

73
斜めに段折り
反対側も同じ
Pleat inside.
Repeat on
the back.



74
カドをつまんで
細くするように
しながら下に折る
A rabbit-ear fold.



縞のあるトラ

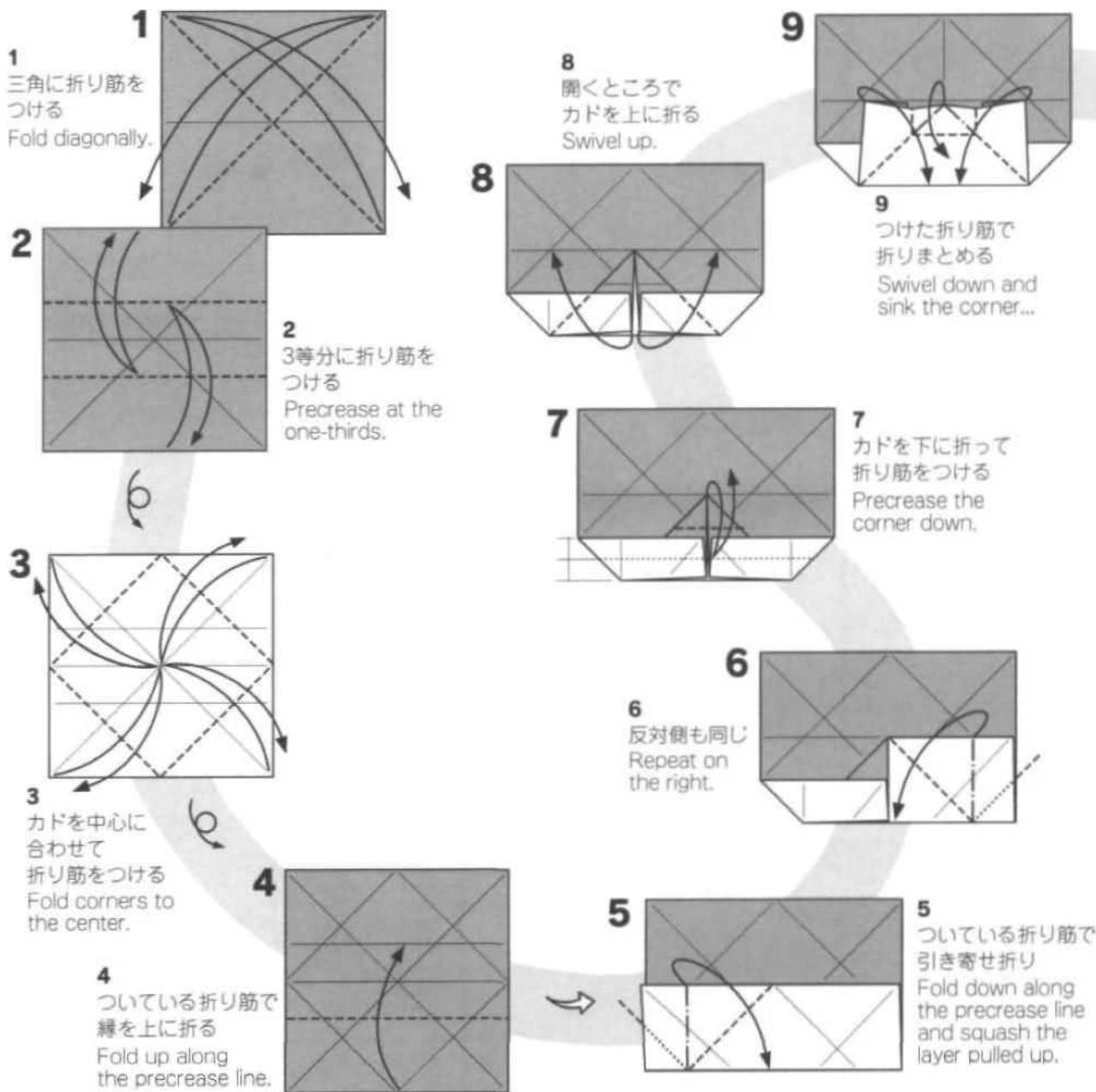
Tiger (with Stripes)

インサイドアウトにより縞を表現したトラですが、作品としてのまとまりを与えているのは、あまり手を加えずに仕上がった顔のようです。図20の段折りは、図に示されている通り、脚の幅よりやや広めのところで山線を取ります。

Despite an inside-out expression of stripes, the face integrates the whole model. The pleat in 20 must be wider than the width of the part squashed in 14.

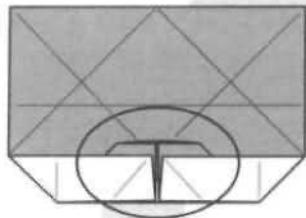


Created 1994 Paper 不切正方一枚折り: 1 piece

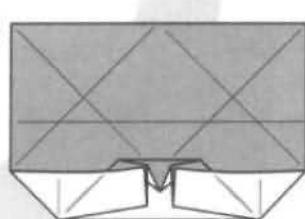


2 動物／縞のあるトラ

11



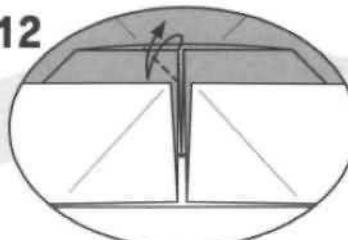
10



10

途中の図
as shown.

12



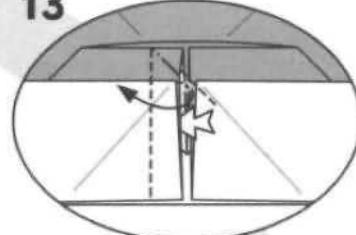
12

縁と縁を合わせて
折り筋をつける
Fold edge to edge.

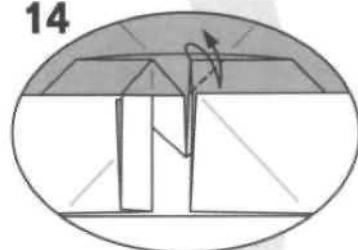
13

内側をひろげて
つぶすように折る
Open and squash.

13



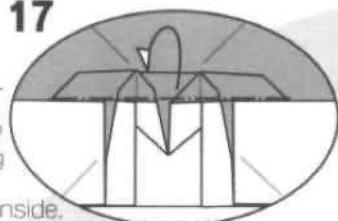
14



14

右側も12～
13と同じ
Repeat on
the right.

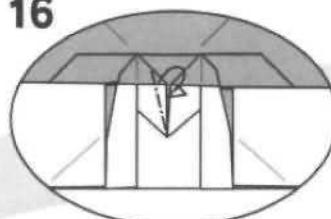
17



17

縁に沿って
内側に折る
Fold along
the edge
and tuck inside.

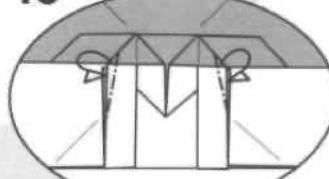
16



16

カドを後ろへ折る
Mountain fold the
corners.

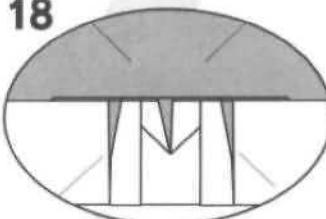
15



15

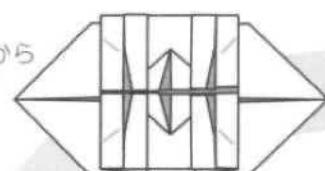
カドを後ろへ折る
Mountain fold the
corners.

18

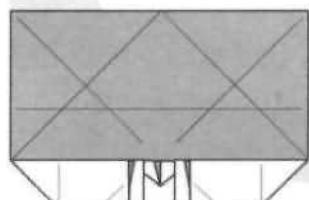


21

折り筋をつけてから
20の形まで戻す
Unfold to 20.



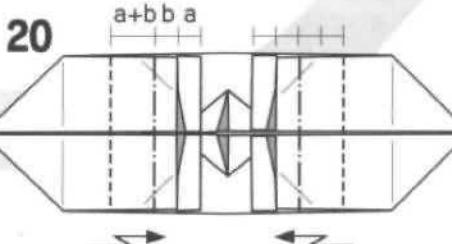
19



19

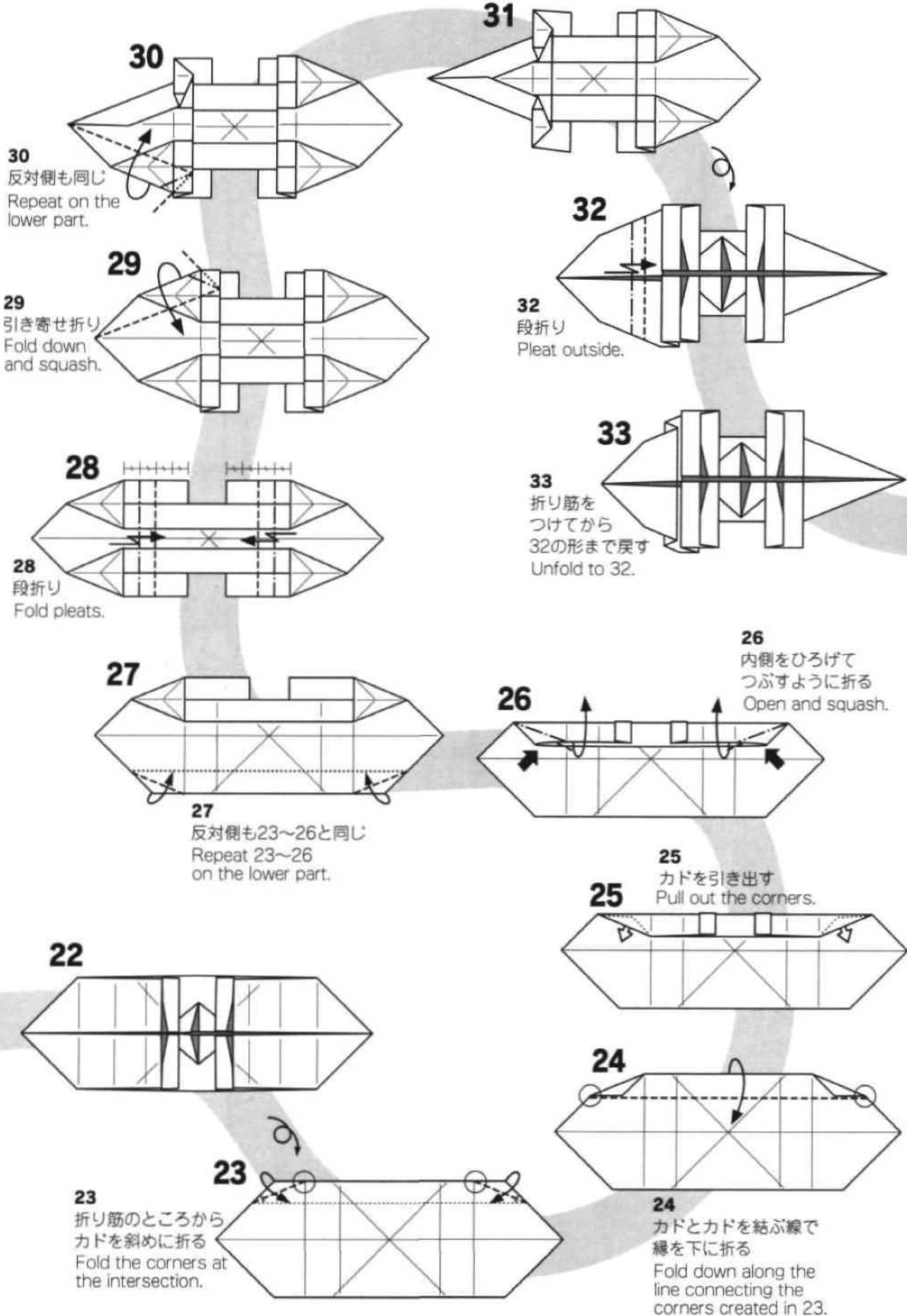
反対側も4～17と同じ
Repeat 4～17 on the top.

20



20

段折り
bの幅をaの幅より
わずかに多めに取る
Fold pleats.
Note that b is
slightly wider
than a.

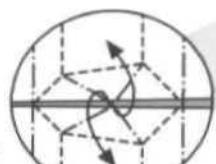


2 動物／縞のあるトラ

35

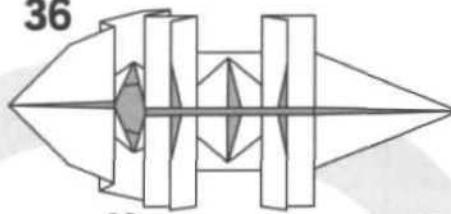
内側をひろげながら
ついている折り筋で
折りまとめる

Refold the pleats
while opening and
squashing the middle
portion as shown...

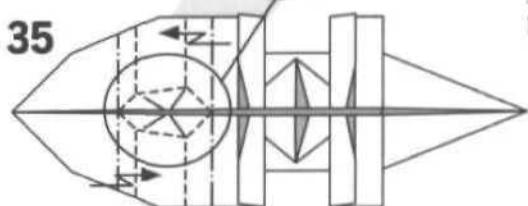


36

途中の図
like this.

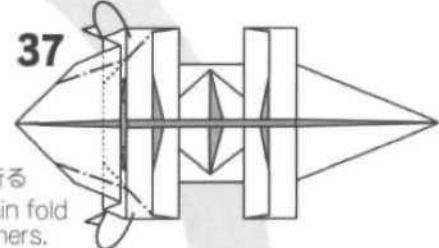


35



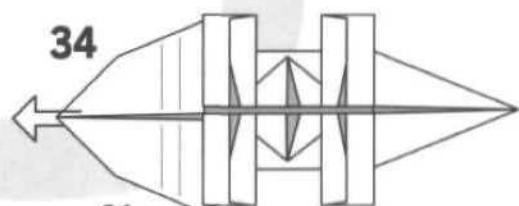
37

カドを
後ろへ折る
Mountain fold
the corners.



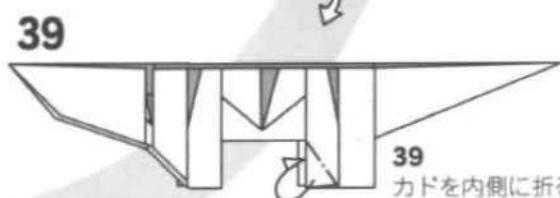
34

段折りの部分を
ひろげる
Open the pleats.



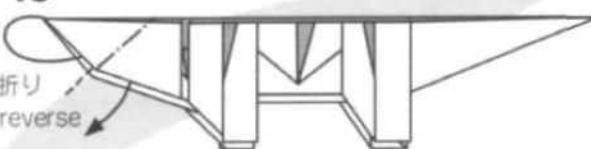
38

後ろへ
半分に折る
Fold in half.



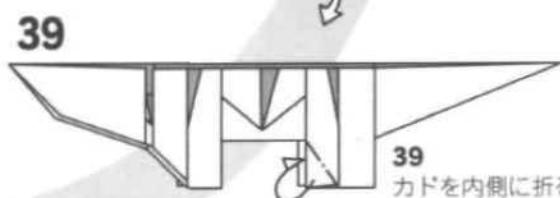
40

中わり折り
Inside reverse
fold.



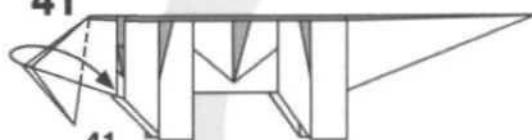
39

カドを内側に折る
反対側も同じ
Mountain fold the
rear feet.

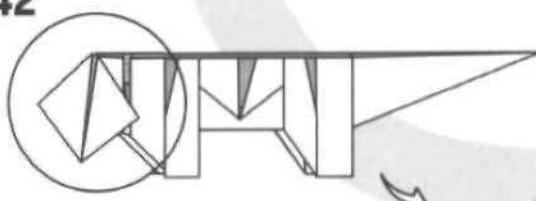


41

カドを開くところで折る
Swivel to the right.

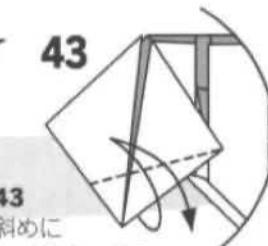


42



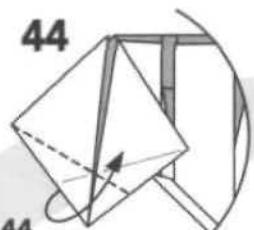
43

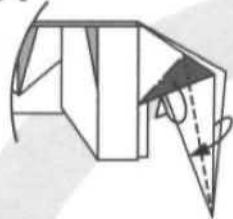
斜めに
折り筋をつける
Precrease as shown.



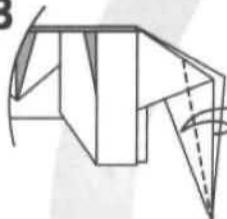
44

カドを斜めに折る
Repeat on the left.

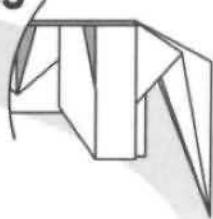


54**54**

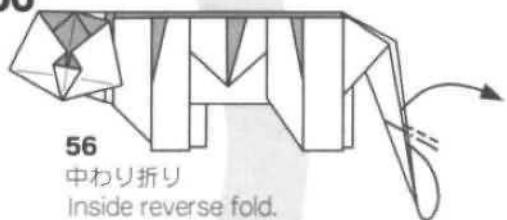
■の部分を内側に
折り込みながら
つけた折り筋で縁と
縁を合わせて折る
Tuck the darkened
part inside and
narrow the tail
again.

53**53**

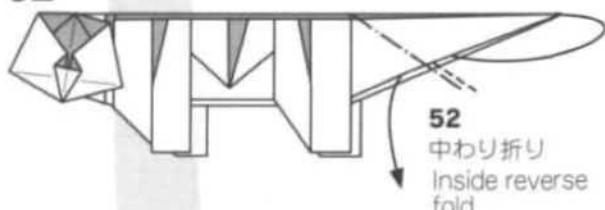
縁と縁を合わせて
折り筋をつける
Narrow the tail.
Unfold.

55**55**

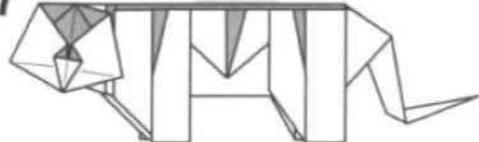
反対側も同じ
Repeat on
the back.

56**56**

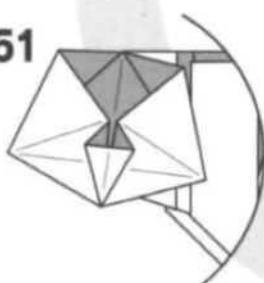
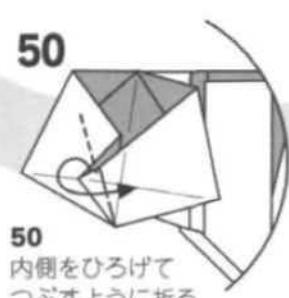
中わり折り
Inside reverse fold.

52**52**

中わり折り
Inside reverse
fold.

57

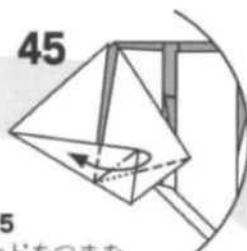
できあがり
Model Completed

51**50****50**

内側をひろげて
つぶすように折る
Open and squash.

49**49**

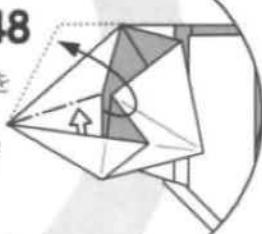
カドを
反対側に折る
Swivel to the left.

45**45**

カドをつまむ
ように折る
Form a rabbit-ear.

46**46**

内側のカドを引き出す
Pull out the inner layer.

48**48**

内側のカドを
引き出す
Pull out the
inner layer.

47**47**

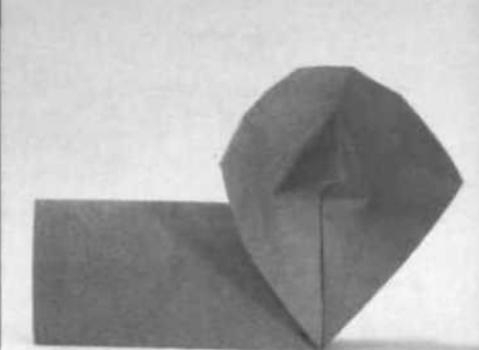
カドを
反対側に折る
Swivel to the right.

シンプルライオン

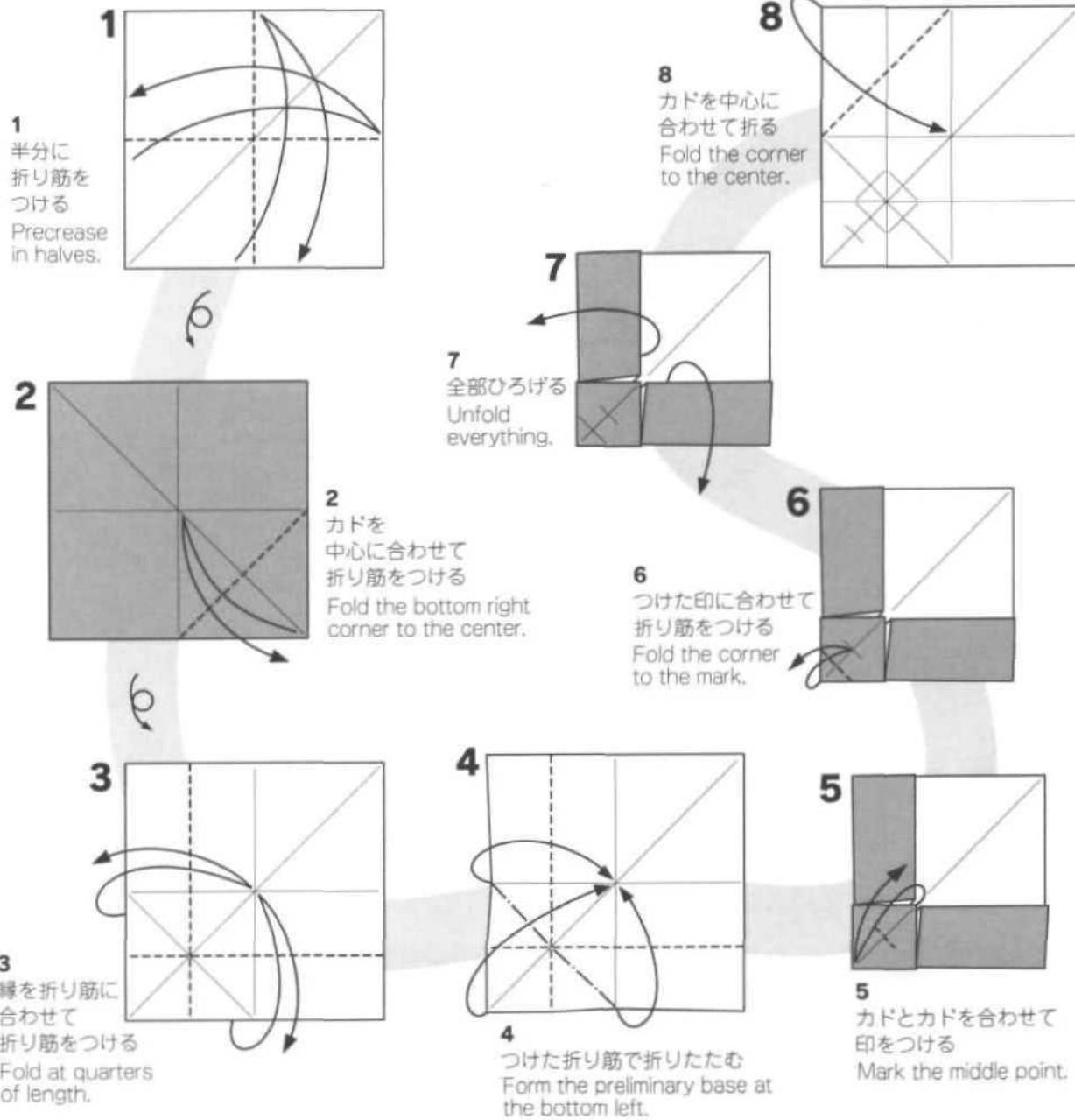
A Simple Lion

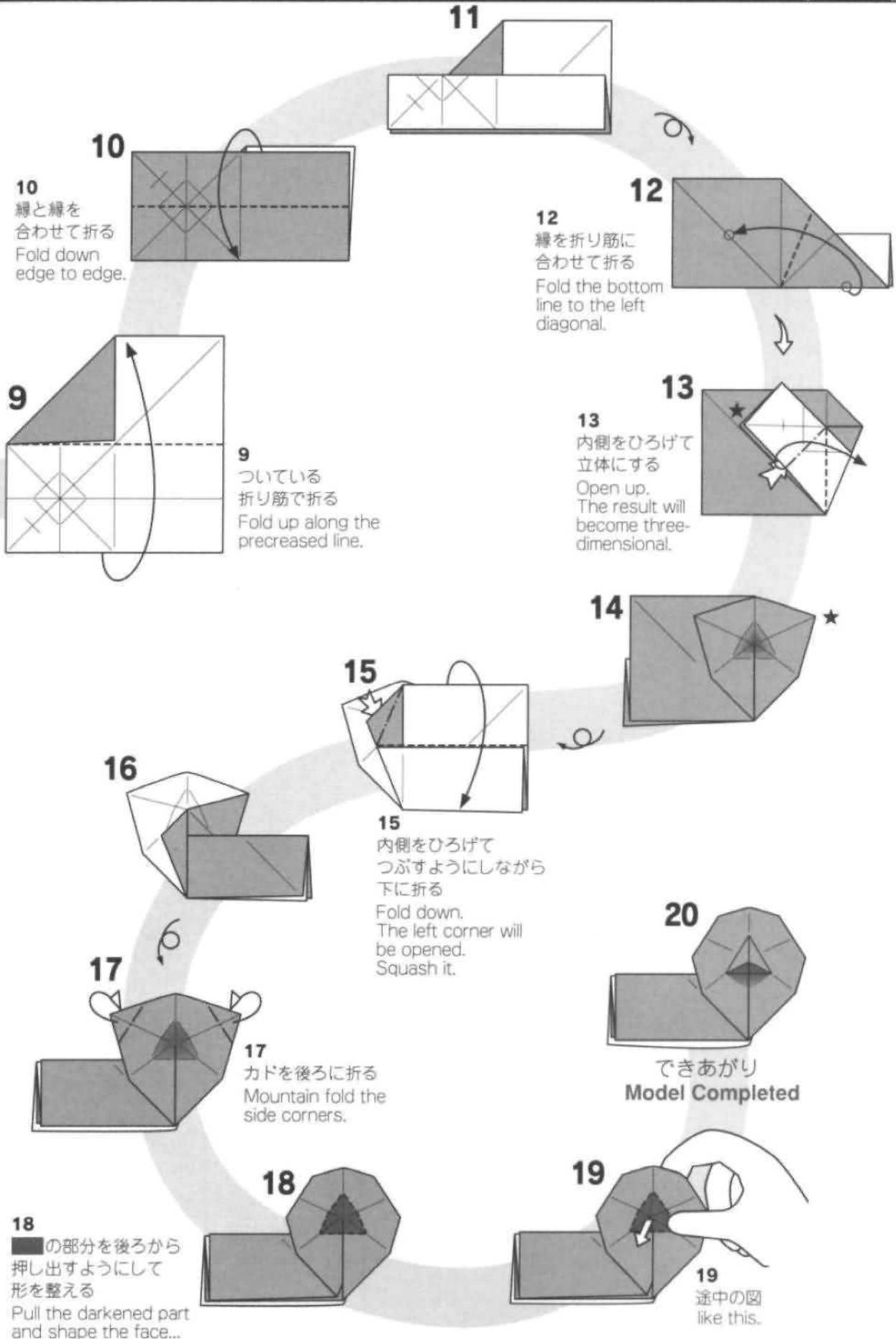
折り紙表現を支える“見立て”の持つ簡明さと危うさを意識して創作したもので、ライオンと言わればライオン、チャウチャウと言わればそうとも言え、なんだかわからんと言ってしまえばそれだけのものです。

This model was created to show how the initial diagnosis of the target can be simple and fragile. What does it look like to you?



Created 1983 Paper 不切正方一枚折り: 1 piece





岩の上の鷹

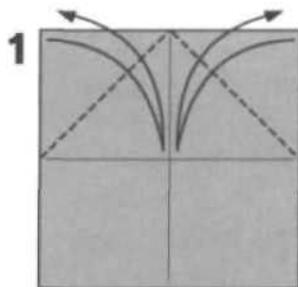
A Hawk on a Rock

本書の中では「カニ」の次に古い創作です。脚と尾羽が同時に現れるのが見どころでしょうか。鷹の頭を上手く仕上げるために薄手の紙を用いるのが良いでしょう。

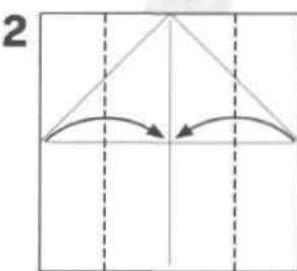
The second oldest creation in this book. The legs and the tail are formed by the same sequence of folds. Use a thin piece of paper to fold the head well.



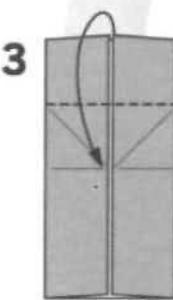
Created 1980 Paper 不切正方一枚折り: 1 piece



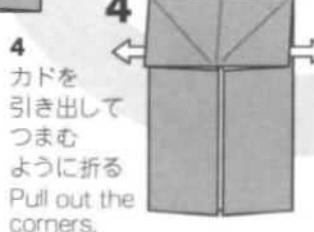
1 カドを中心
に合わせて
折り筋をつける
Fold the top
corners to
the center.



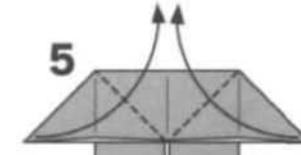
2 縁を中心に
合わせて折る
Fold the edges
to the center line.



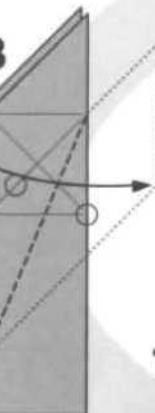
3 縁を折り筋に
合わせて折る
Fold down along
the quarter line.



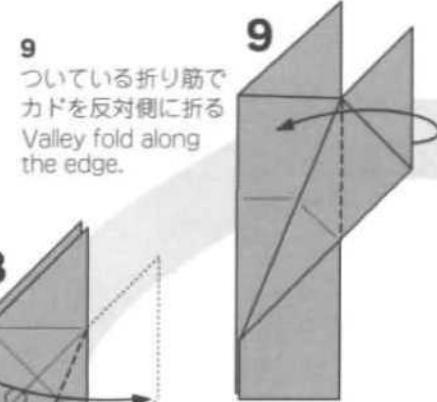
4 カドを
引き出して
つまむ
ように折る
Pull out the
corners.



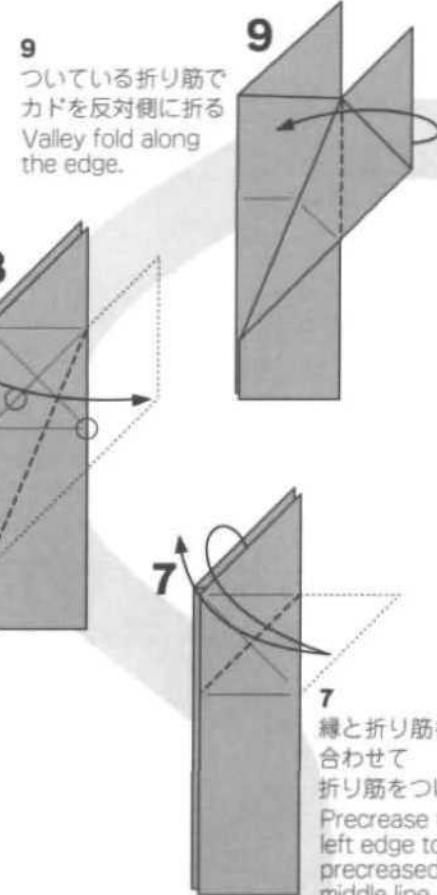
5 カドを上に折る
Fold up the corners.



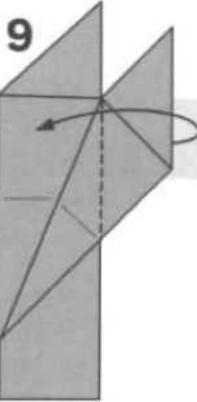
7 縁と折り筋を
合わせて
折り筋をつける
Precrease the
left edge to the
precreased
middle line.



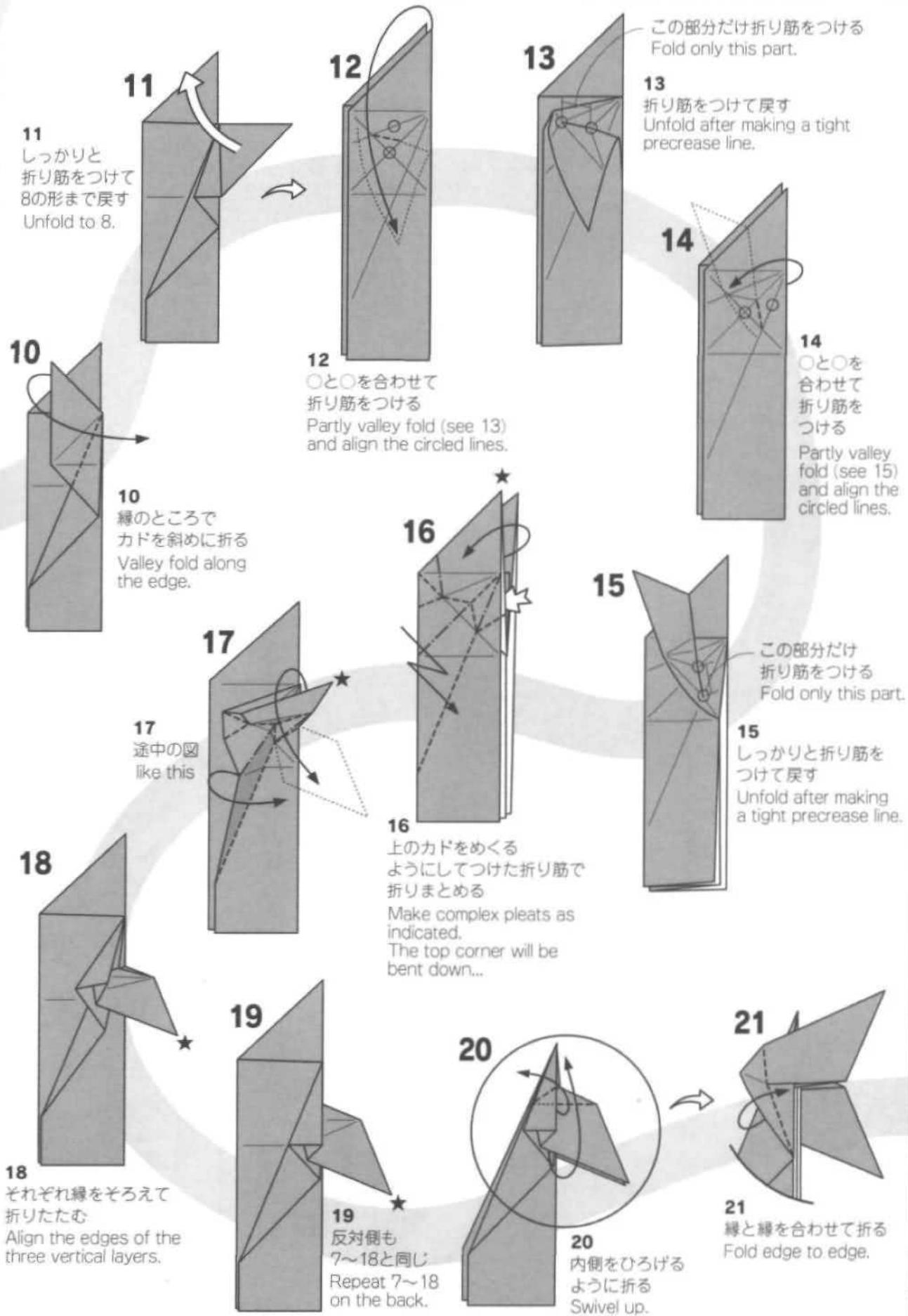
8 折り筋を縁に
合わせて折る
Fold and align
the circled points.



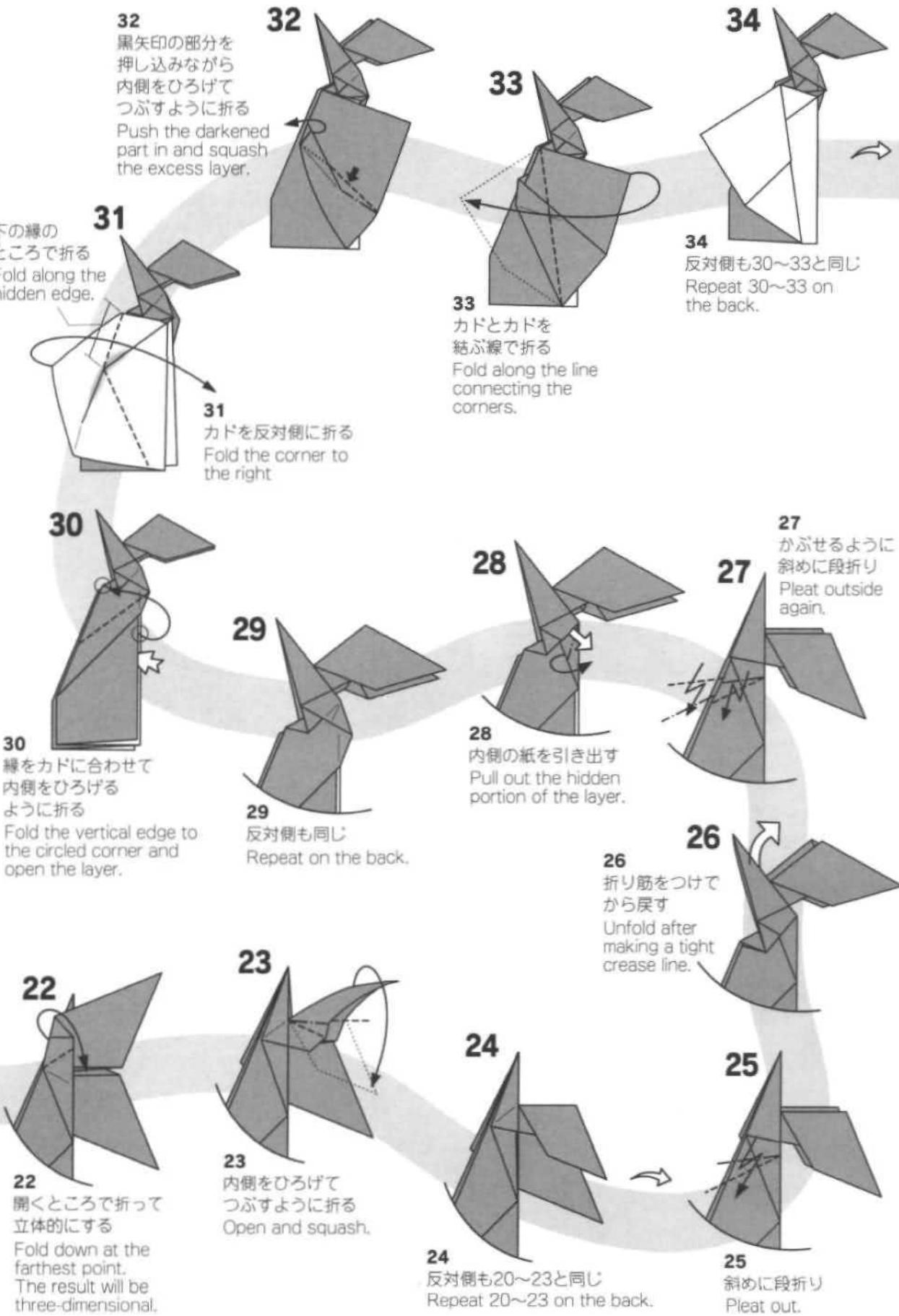
9 ついている折り筋で
カドを反対側に折る
Valley fold along
the edge.

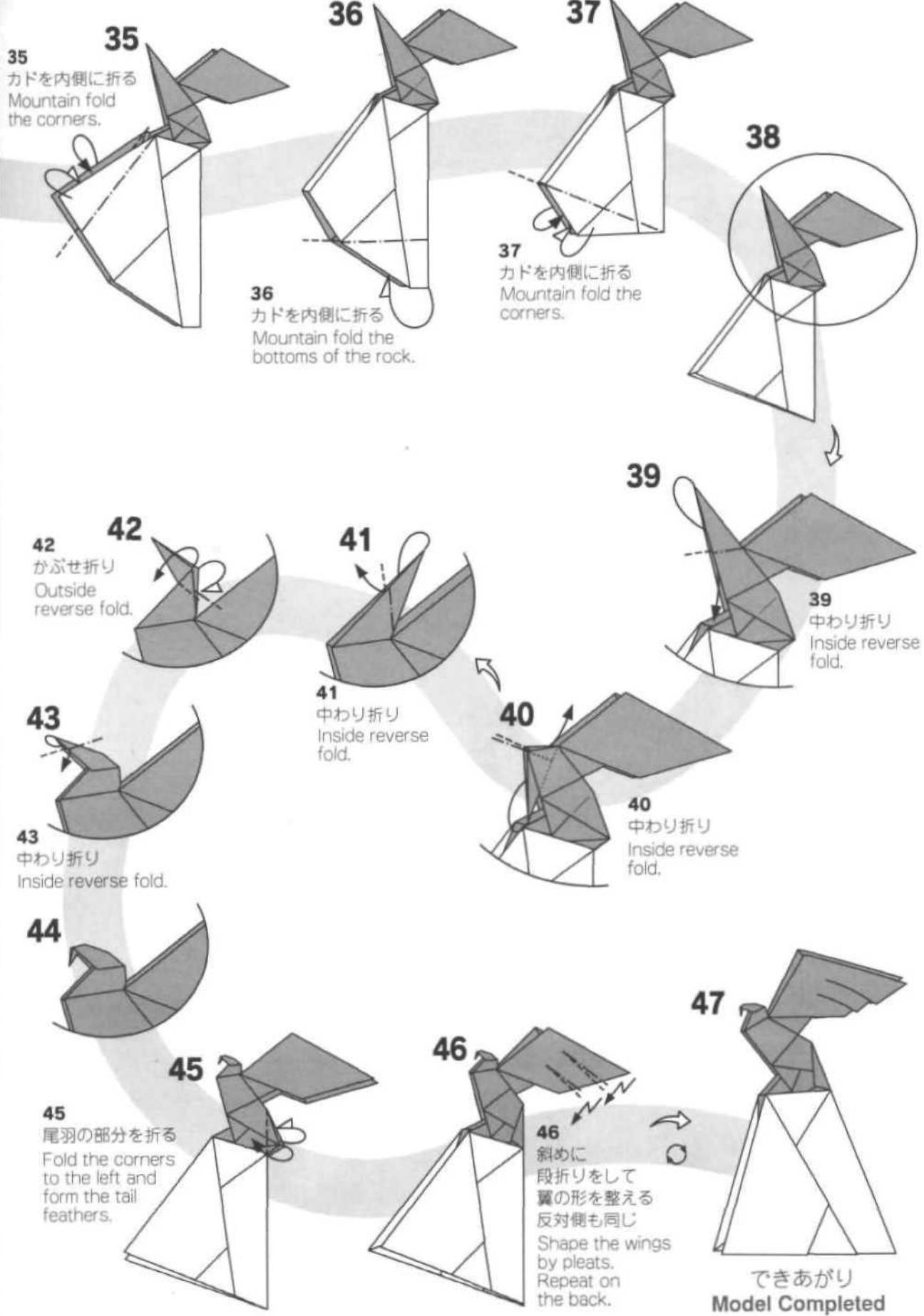


6 後ろへ半分に折る
Mountain fold in
half.



2 動物／岩の上の鷹



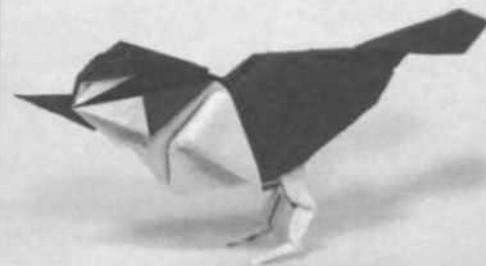


セキレイ

Wagtail

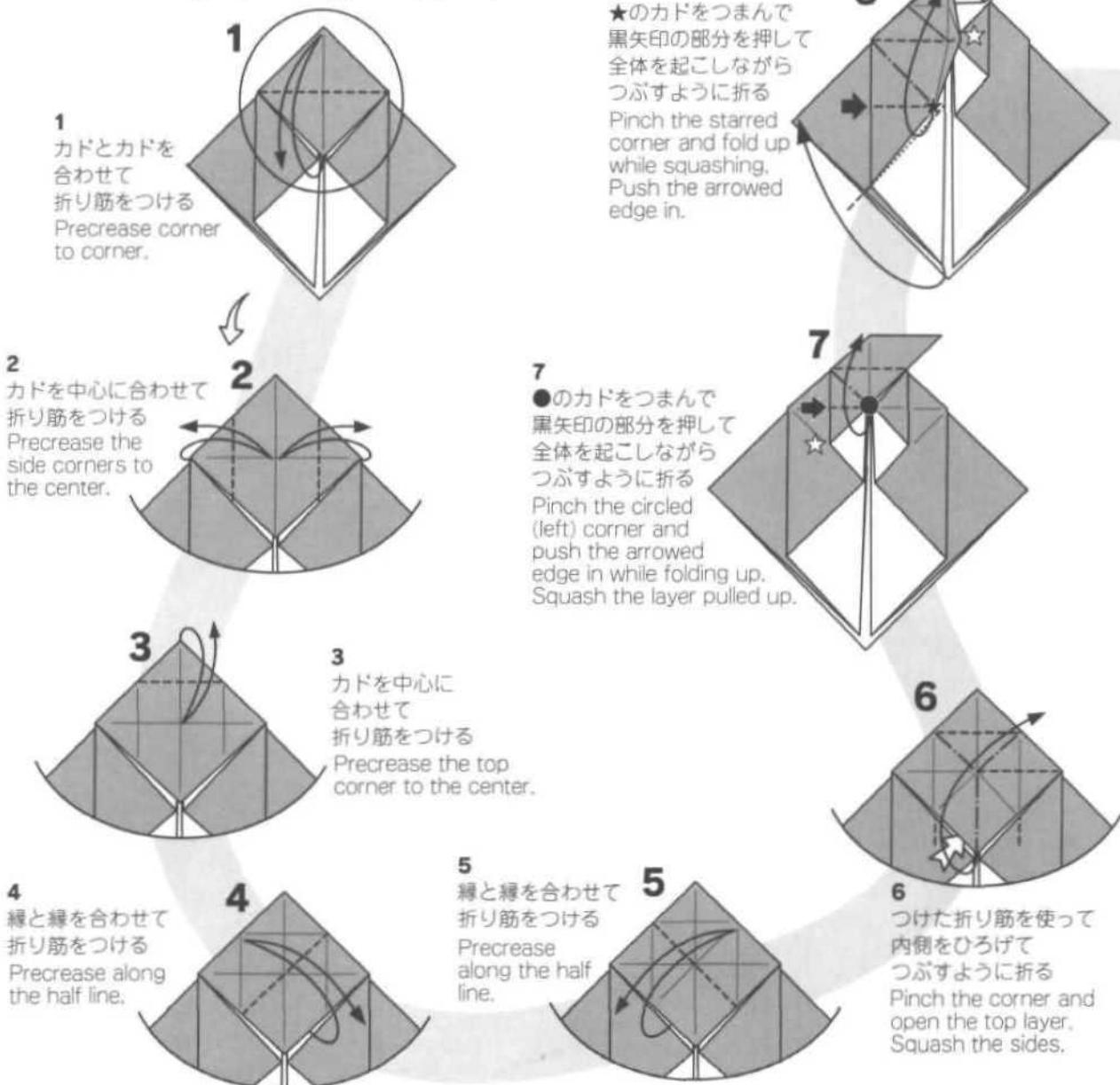
セキレイの目のあたりのインサイドアウトがグロテスクにならずに上手く決まって幸運でした。尾の根本には紙の重なりが急に変わる部分があるので、尾を折るときに紙を破らないように注意して仕上げてください。

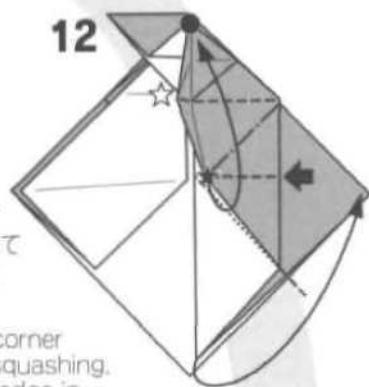
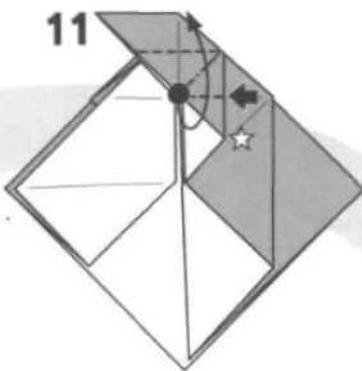
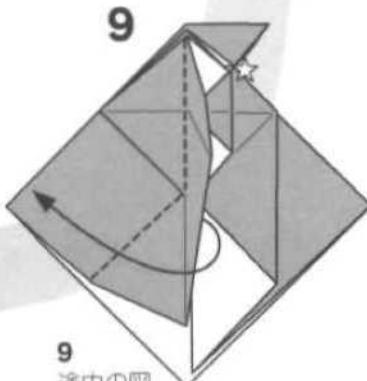
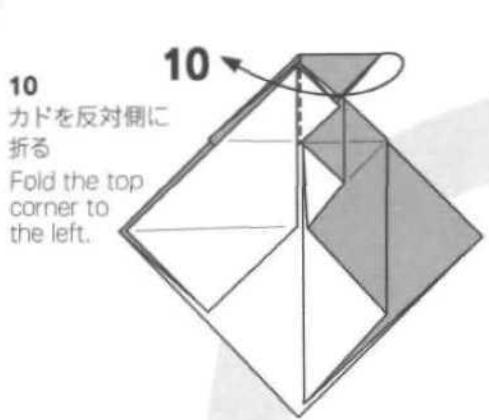
The eyes are formed using the inside-out technique. The tail must be formed carefully, as there are layers of different sizes inside.



Created 1995 | Paper 不切正方一枚折り: 1 piece

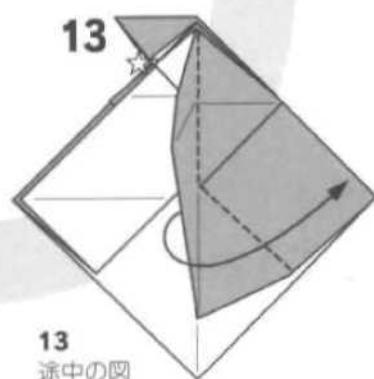
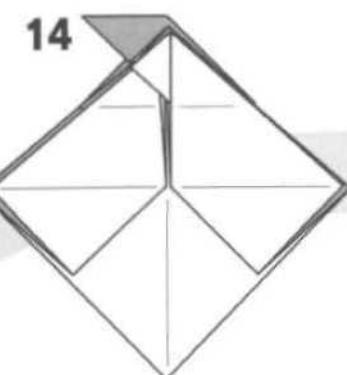
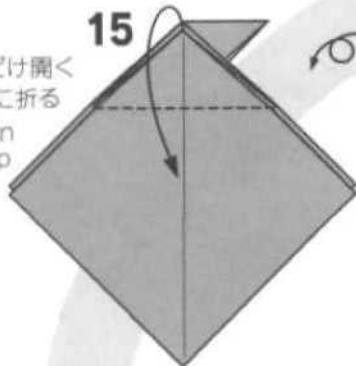
P. 60 [カンガルー] の [上半身] 8の形からはじめる
Start with No. 8 of [Kangaroo's Upper Part] (P. 60)



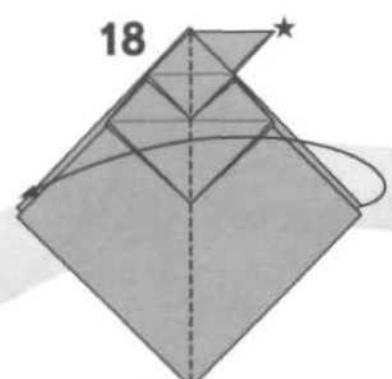
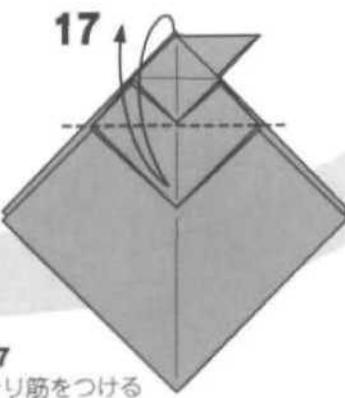
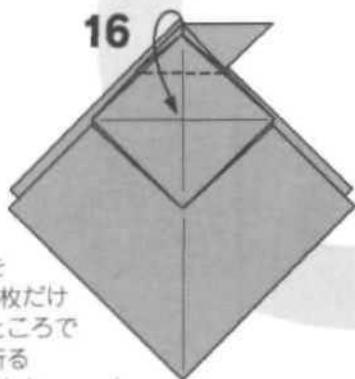


9
途中の図
The excess layer
will stand up.
Fold it to the left using
the existing lines.

15
カドを1枚だけ開く
ところで下に折る
Swivel down
only the top
layer.



16
カドを
上の1枚だけ
開くところで
下に折る
Swivel down
only the top layer.



17
折り筋をつける
Precrease corner to corner.

2 動物／セキレイ

27

カドを内側に折る
Mountain fold the corner.

26

反対側も同じ
Repeat on the back.

25

つけた折り筋を使って
カドを細くつまみながら
折りたたむ
Narrow the right part
along an angle bisector
and fold down along the
existing line.

24

カドを戻す
反対側も21～24と同じ
Swivel back the corner.
Repeat 21～24 on the back.

19

カドを内側に折る
反対側も同じ
Inside reverse fold.
Repeat on the back.

28

線と縁を合わせて
折り筋をつける
Precrease the left
edge to the bottom.

29

○と○のカドを
合わせるようにして
カドを内側に折る
Fold the circled corners
on top of each other
using the line made in 28.

30

反対側も27～29と同じ
Repeat 27～29 on
the back.

23

折り筋をつけて戻す
Unfold.

22

線と縁を合わせて折る
Fold the edge to the bottom.

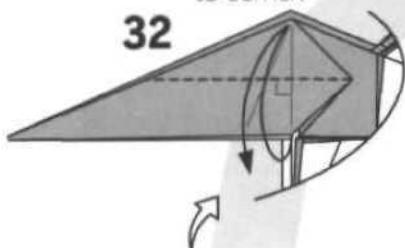
20

内側に斜めに段折り
Pleat inside.

21

カドを開くところで折る
Swivel down along the
inner edge.

32
カドとカドを合わせて
折り筋をつける
Precrease corner
to corner.

**32****33****33**

32でつけた折り筋を
山折りにして■の部分を
閉じるようにしながら
カドを反対側に折る
Open sink the darkened
part using precrease lines.

34

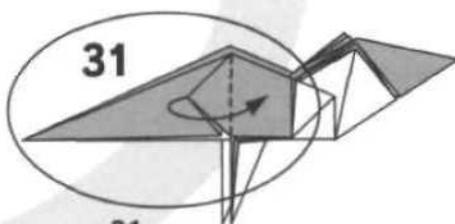
段になっているところの紙の
重なりはそのまま黒矢印の
部分を押し込んでらすように☆
縁と縁を合わせて折る

34

Slide the tail down while
pushing the arrowed
corner down (a kind of
open sink).
Do not change the layered
structure.

**31**

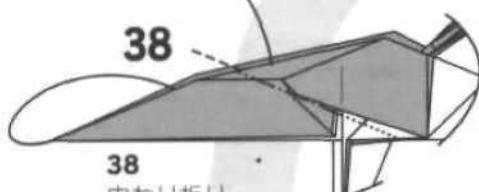
カドを反対側に折る
Swivel the corner to the right.

**37**

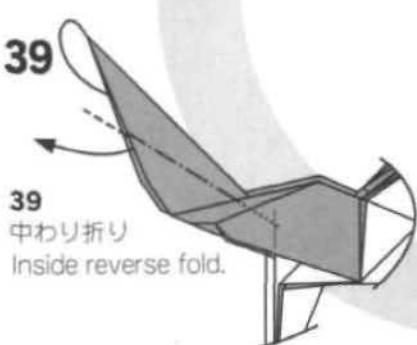
カドを内側に折る
反対側も同じ
Mountain fold the corner.
Repeat on the back.

37**38**

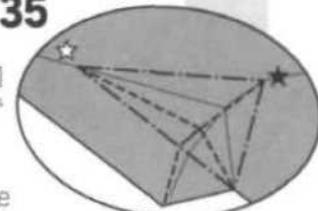
中わり折り
Inside reverse fold.

**39**

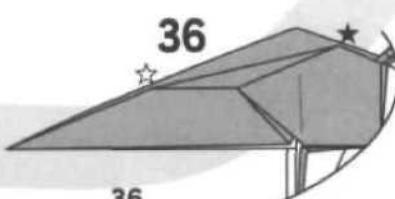
中わり折り
Inside reverse fold.

**35**

開いて上から見た図
図のような折り線で
折りたたむ
The top view.
34 uses the crease
lines as shown.

35**36**

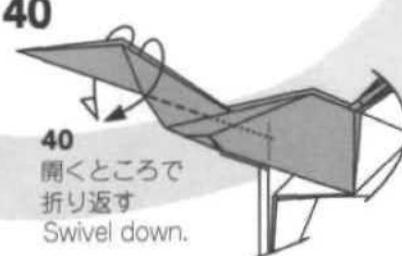
反対側も31~35と同じ
Repeat 31~35 on the back.

**41**

カドを内側に折る
Inside reverse fold.

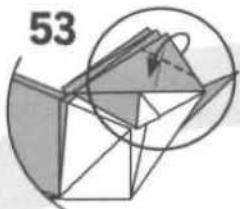
**40**

開くところで
折り返す
Swivel down.

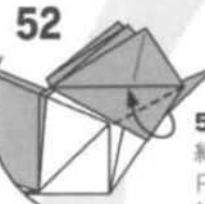


2 動物／セキレイ

53
カドを少し
折り下げる
Fold down
a little.

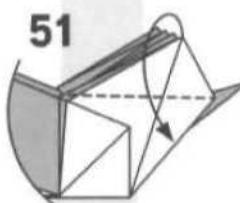


53



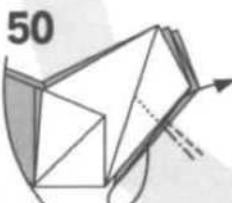
52

52
縁と縁を合わせて折る
Fold the right edge to
the middle one.



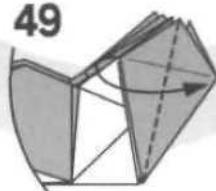
51

51
上の1枚のカドを
下に折る
Fold down the
top layer.



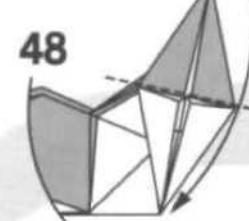
50

50
内側のカドを
中わり折り
Inside reverse fold
the inner corner.



49

49
カドを反対側に折る
Close the opening again.



48

48
カドを下に折る
Swivel down.

47

47
縁のところで
折る
Fold along the
edges.

46

46
内側をひろげて
つぶすように折る
Fold like when you
make a bird base.

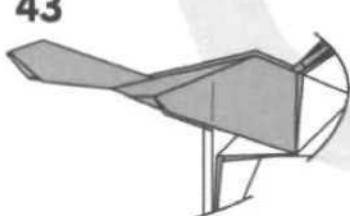
45

45
縁を折り筋に
合わせて
折り筋をつける
Fold the lower
edges to the
center.

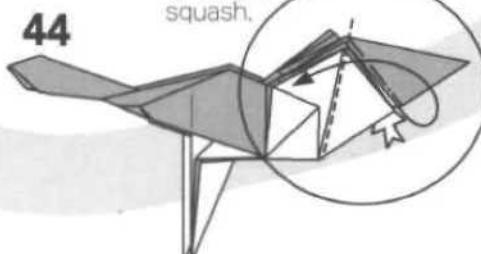


42

42
カドを内側に折る
Inside reverse fold.

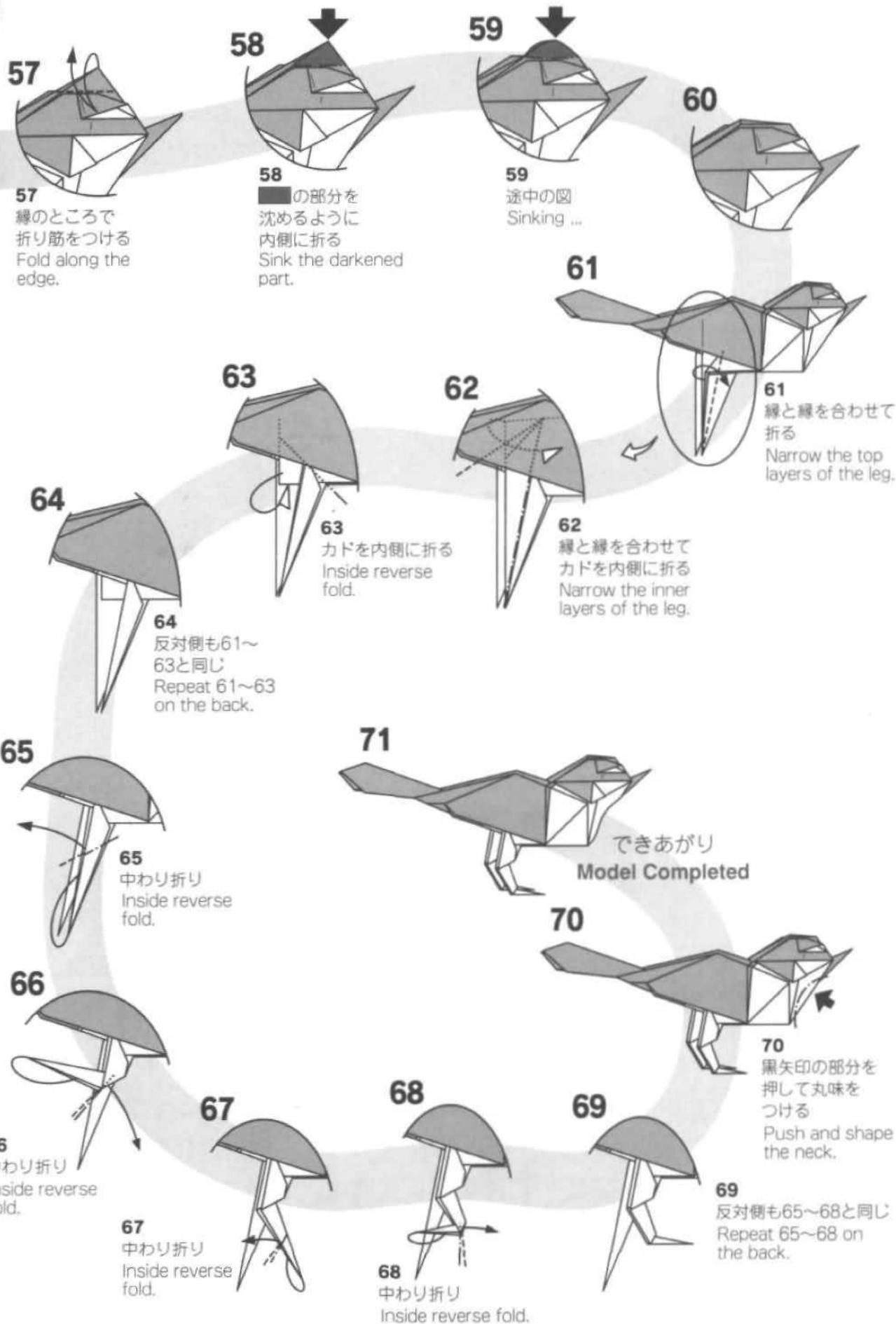


43



44

44
内側をひろげて
つぶすように折る
Open and
squash.



始祖鳥

Archaeopteryx

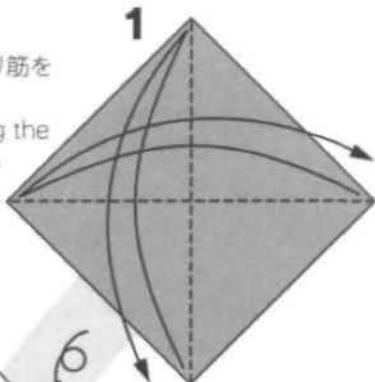
吉野一生さんの“馬”(「一生スーパーコンプレックスおりがみ」所収)が完成してゆく様を間近で見ていた私は、平面に折りによる変化を与えるというテーマを得ました。始祖鳥でこの課題に挑戦したものです。恐竜折り紙5人展(ギャラリーおりがみはうす1990年)へ出展。

Inspired by Yoshino Issei's "Horse", I tried to give varied patterns to a plane. The model was exhibited in "An Exhibit of Five Dinosaur Folders" at the Gallery Origami House.

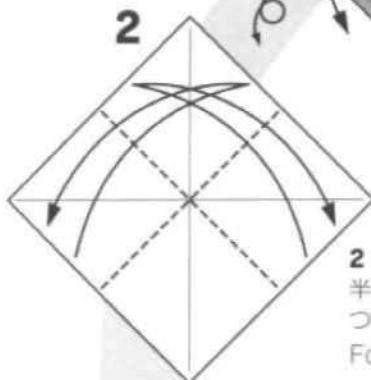


Created 1990 Paper 不切正方一枚折り: 1 piece

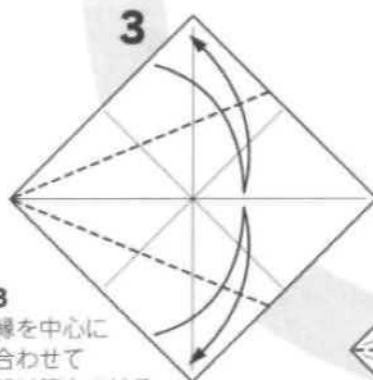
1
三角に折り筋をつける
Fold along the diagonals.



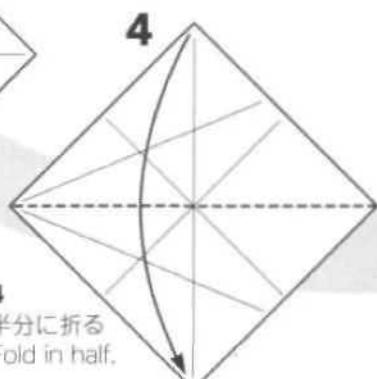
2
半分に折り筋をつける
Fold in half.



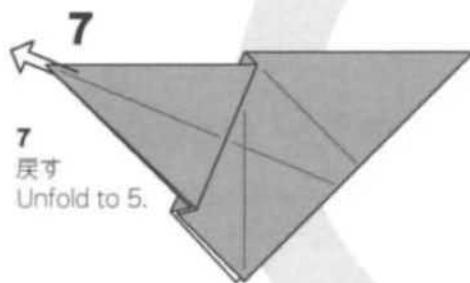
3
縁を中心に行わせて折り筋をつける
Precrease the edges to the diagonal.



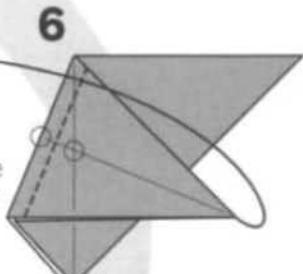
4
半分に折る
Fold in half.



7
戻す
Unfold to 5.

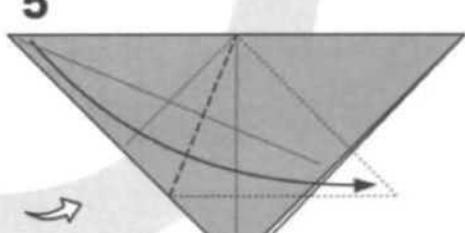


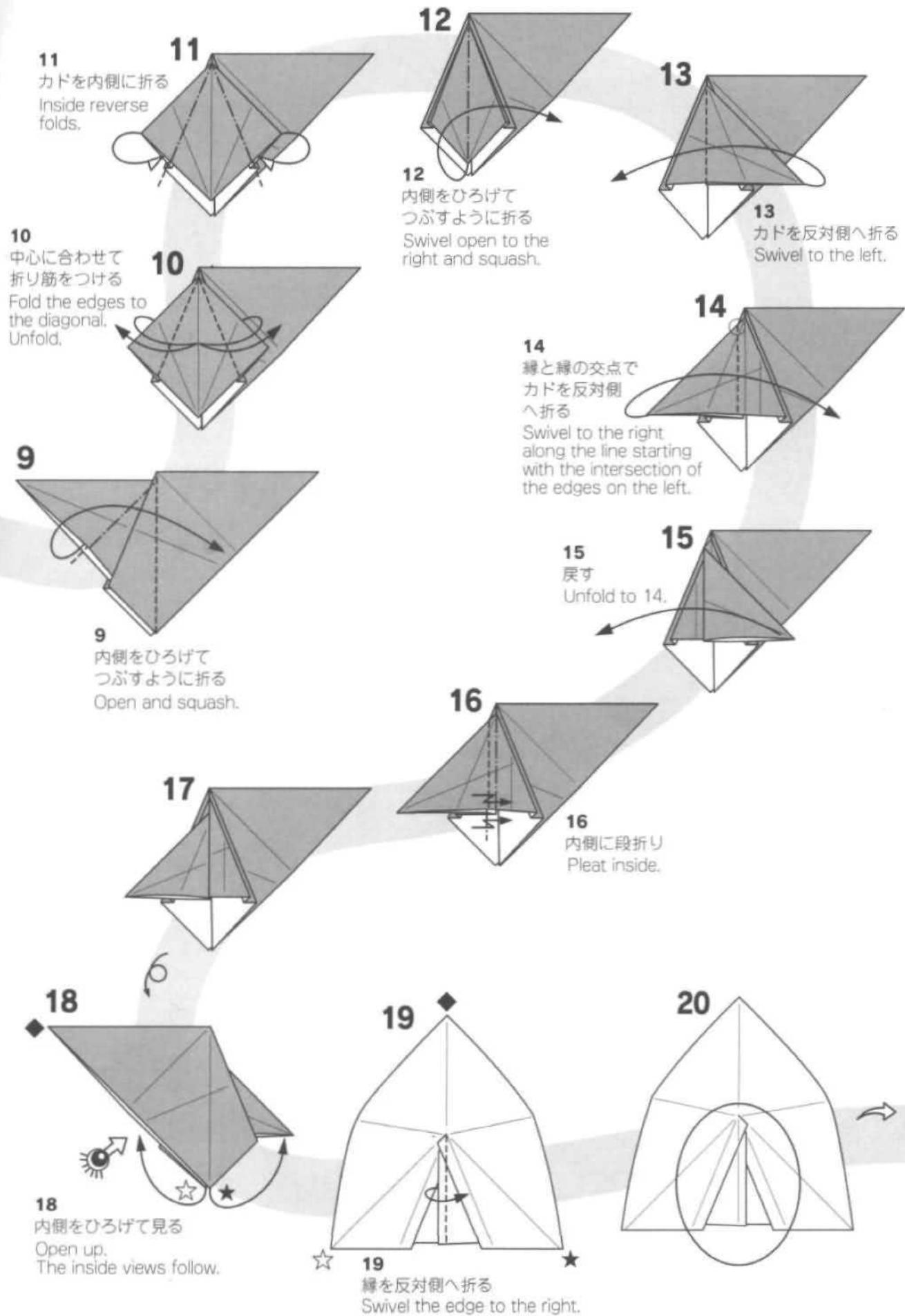
6
折り筋の交点を線に合わせて折る
Valley fold so that the intersection will be on top of the edge.



5

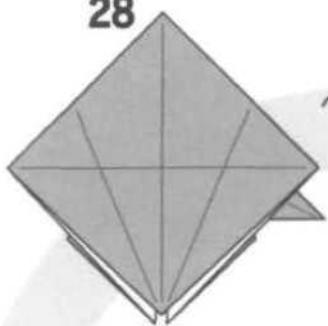
5
縁を折り筋に合わせて斜めに折る
Fold and align the left crease line to the center line.



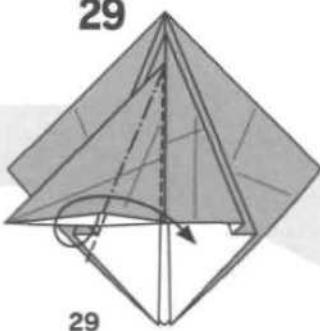


2 動物／始祖鳥

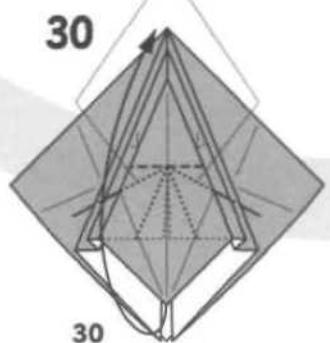
28



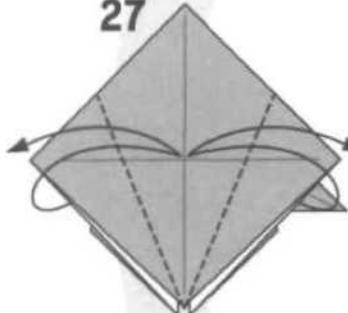
29



30



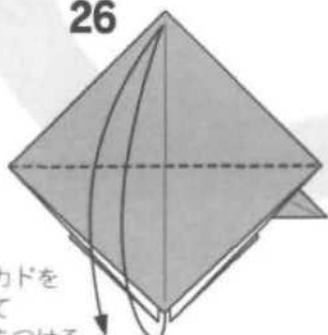
27



27

縁を中心に合わせて
折り筋をつける
Precrease the lower
edges to the center
diagonal.

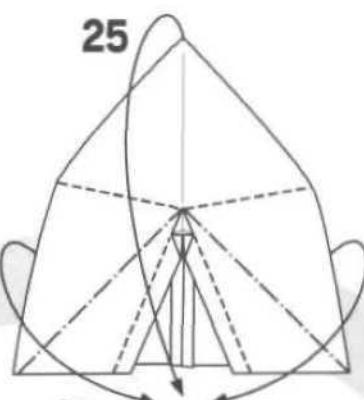
26



26

カドとカドを
合わせて
折り筋をつける
Fold corner to corner.

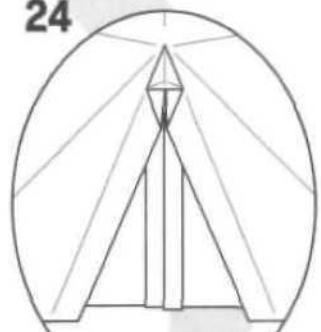
25



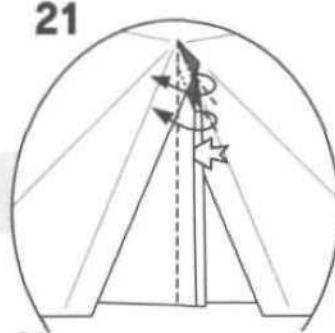
25

ついている折り筋で
折りまとめる
Reassemble using the
precrease lines.

24



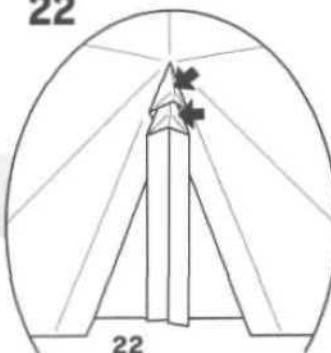
21



21

内側をひろげて■の部分を
つぶすように折る
Open the narrow layer and
squash the darkened parts.

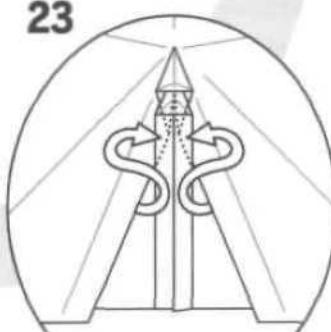
22



22

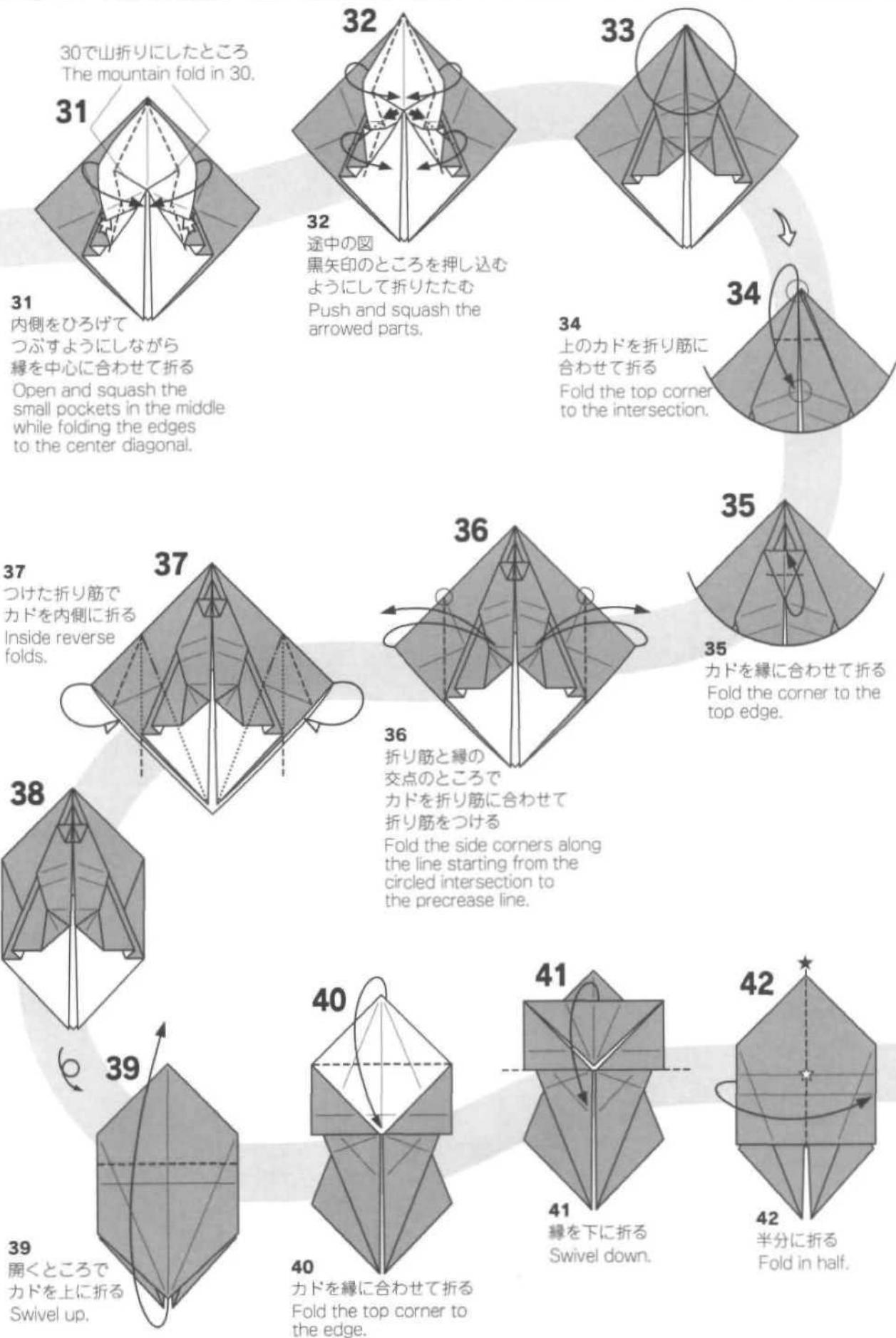
途中の図
Squashing...

23



23

縁をかぶせるように上に出す
Show the hidden layers.

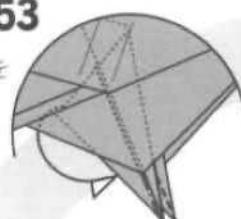


2 動物／始祖鳥

53

縁に沿ってカドを内側に折る
Inside reverse fold along the edge.

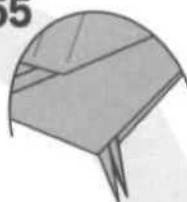
53



54

縁と縁を合わせてカドを内側に折る
Inside reverse fold along the edge.

55



52

52

縁に沿ってカドを内側に折る
Inside reverse fold along the edge.

56

上の1枚をかぶせ折り
Outside reverse fold the top layer.

51

51

反対側も46~50と同じ
Repeat 46~50 on the back.

50

縁と縁を合わせてカドを内側に折る
Align the edges by an inside reverse fold.

49

ついている折り筋でカドを内側に折る
Inside reverse fold using the precrease line.

48

折り筋と縁を合わせてカドを内側に折る
Inside reverse fold and align the line created in 46 with the edge.

47

戻す
Unfold.

50

43

内側のカドを斜めに段折りして内側の縁を○のカドに合わせる
Pleat the inner corner inside so that the middle edge comes below the circled corner.

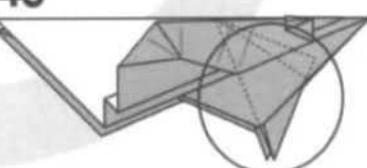
44

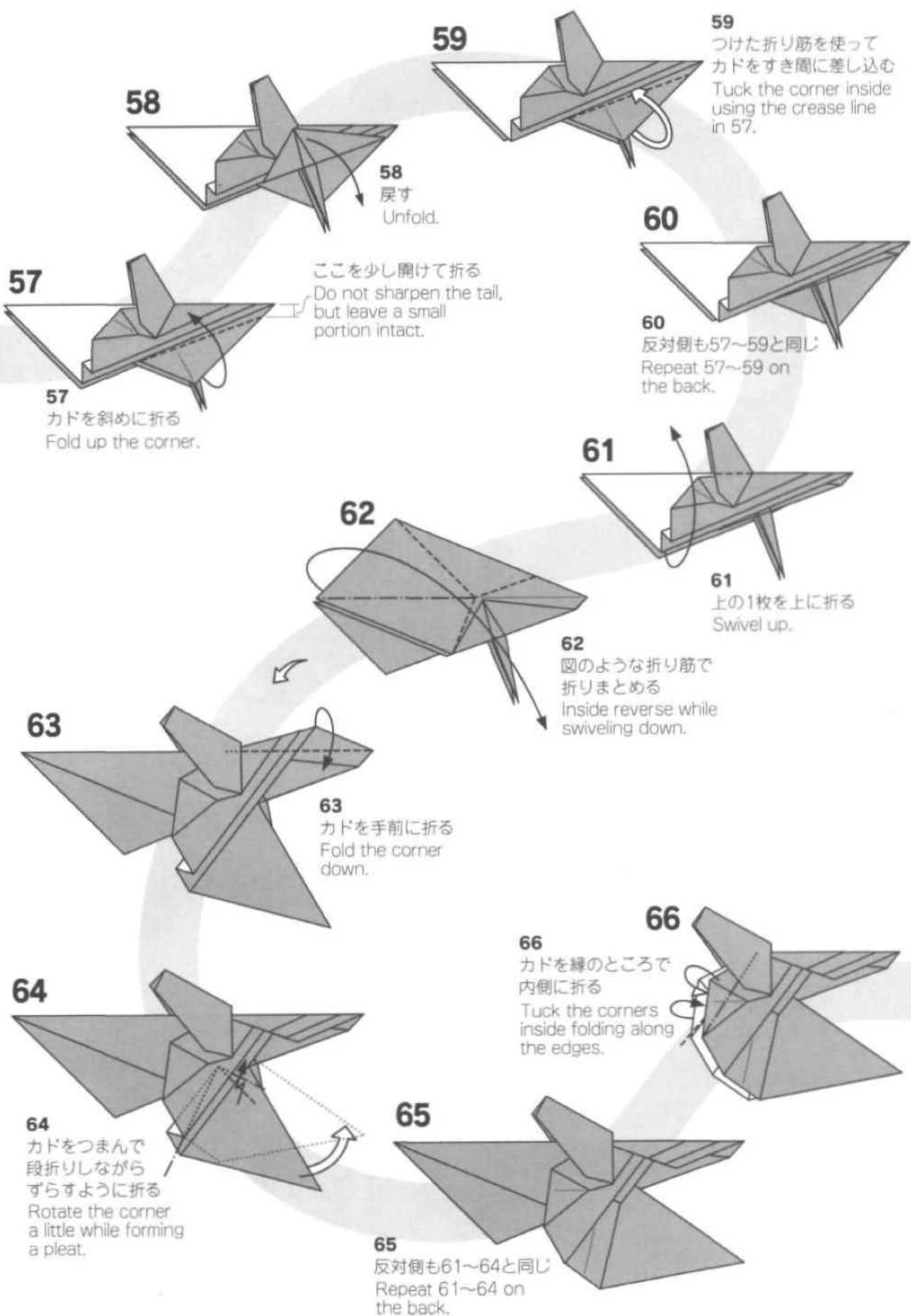
カドを内側に折る
Inside reverse fold.

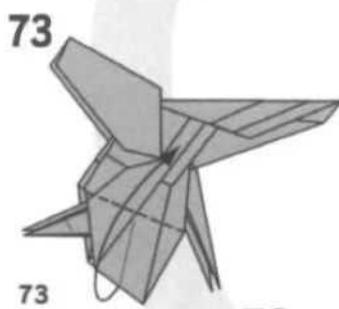
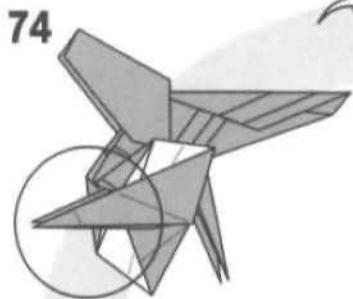
46

縁と縁を合わせてカドを内側に折る
Valley fold along the angle bisector.

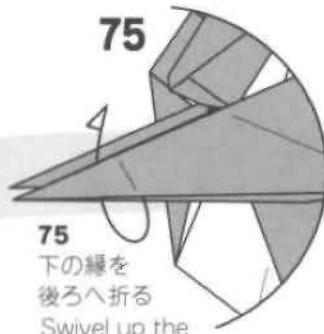
45



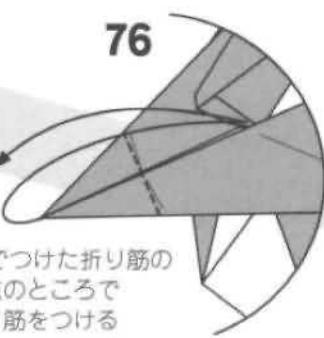




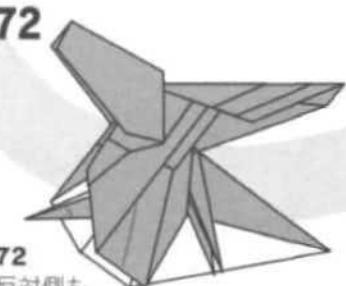
73
折り筋をつけないように開くところで上に折る
Bend upwards.
Do not fold.



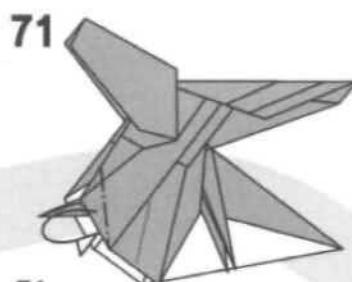
75
下の縁を後ろへ折る
Swivel up the hidden edge.



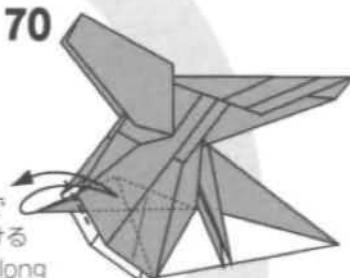
76
70でつけた折り筋の交点のところで折り筋をつける
Precrease at the intersection of the crease lines made in 70.



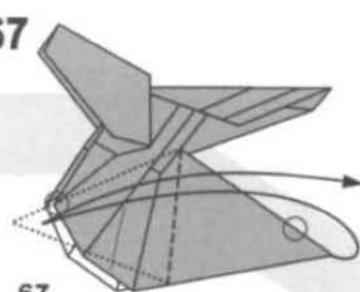
72
反対側も67~71と同じ
Repeat 67~71 on the back.



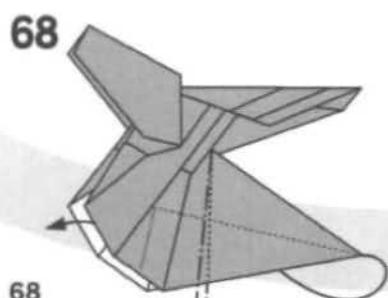
71
カドを後ろへ折る
Tuck the corner inside.



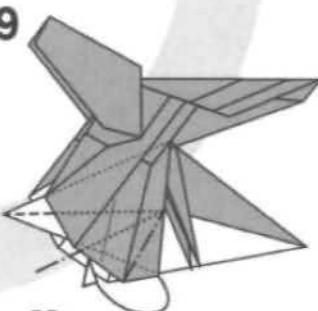
70
縁のところで折り筋をつける
Precrease along the edge.



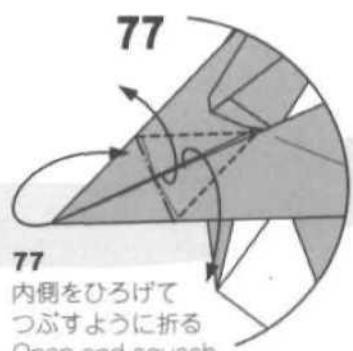
67
カドと縁を合わせて折り筋をつける
Precrease so that the circled edge will be aligned with the circled corner.



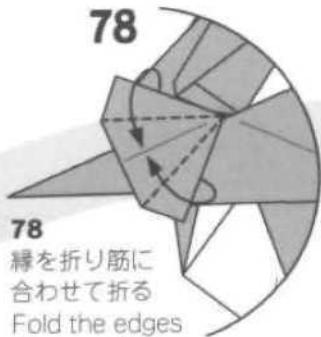
68
つけた折り筋を使って中わり折り
Inside reverse fold using the crease line in 67.



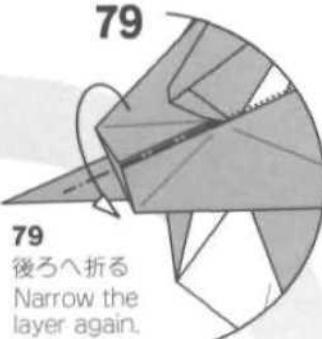
69
縁と縁を合わせてカドを内側に折る
Narrow the corner of the hidden layer along the angle bisector.



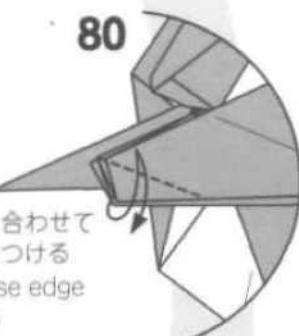
77
内側をひろげて
つぶすように折る
Open and squash.



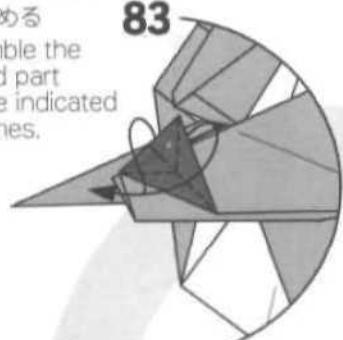
78
縁を折り筋に
合わせて折る
Fold the edges
to the middle.



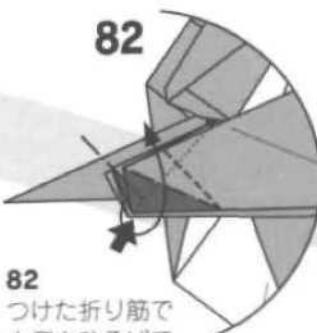
79
後ろへ折る
Narrow the
layer again.



80
縁と縁を合わせて
折り筋をつける
Precrease edge
to edge.



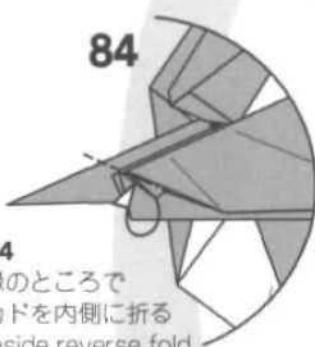
83
■の部分を
図のような折り筋で
折りまとめる
Reassemble the
darkened part
using the indicated
crease lines.



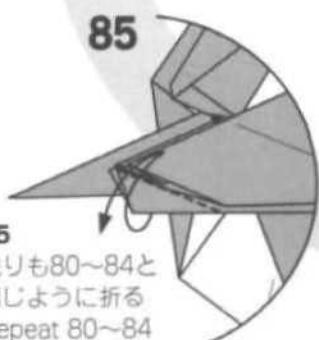
82
つけた折り筋で
内側をひろげて
つぶすように折る
Swivel open and
squash the
darkened part.



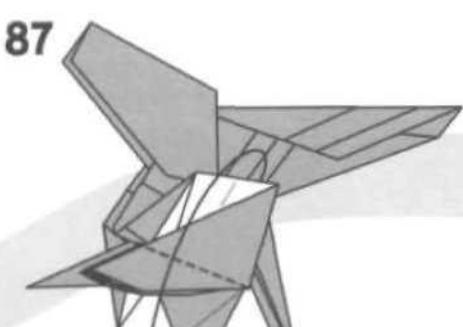
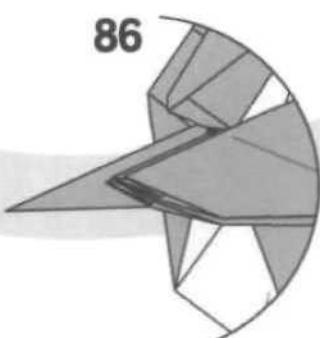
81
縁を折り筋に
合わせて
折り筋をつける
Precrease the left edge
to the crease line in 80.



84
縁のところで
カドを内側に折る
Inside reverse fold
along the edge.



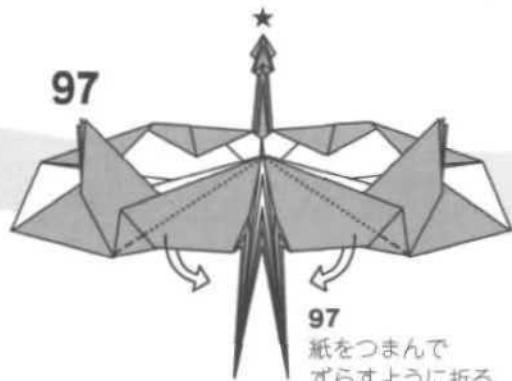
85
残りも80~84と
同じように折る
Repeat 80~84
on the next layers.



87
縁を戻す
Put down the
bended portion.



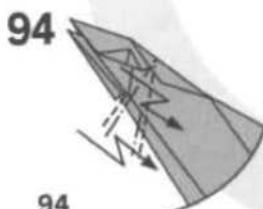
96
翼の部分を
左右にひろげて
内側を見る
Open the wings.



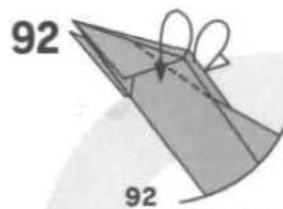
97
紙をつまんで
すらすように折る
The inside view.
Slide down the layers.



95
下のカドを
引き出す
Pull down the
inner layer.



94
かぶせるように
段折り
Pleat outside.



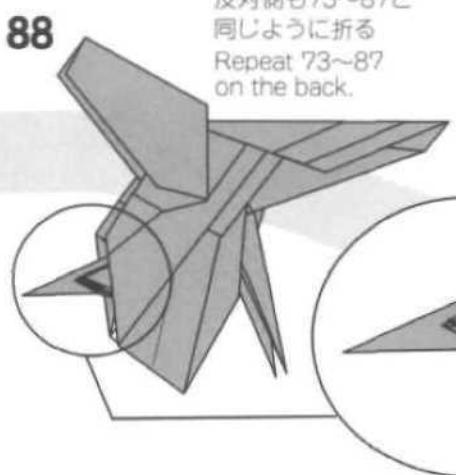
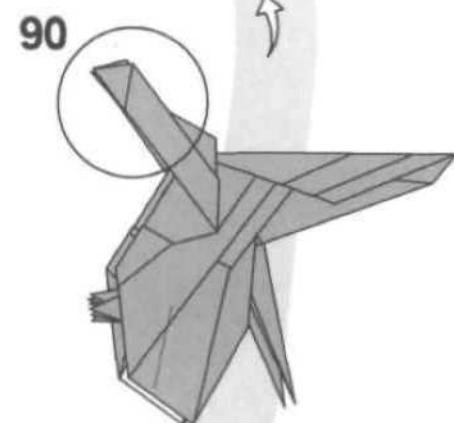
92
カドを斜めに折る
Fold the corners
down.



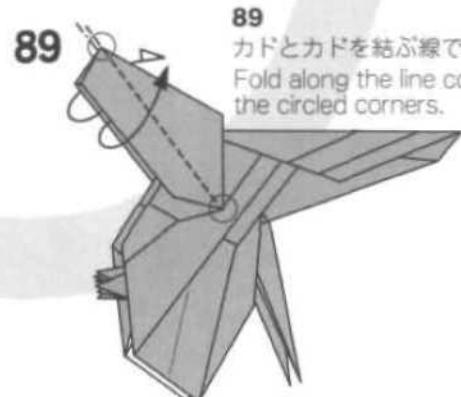
91
縁と縁を合わせて
カドを斜めに折る
Fold edge to edge.



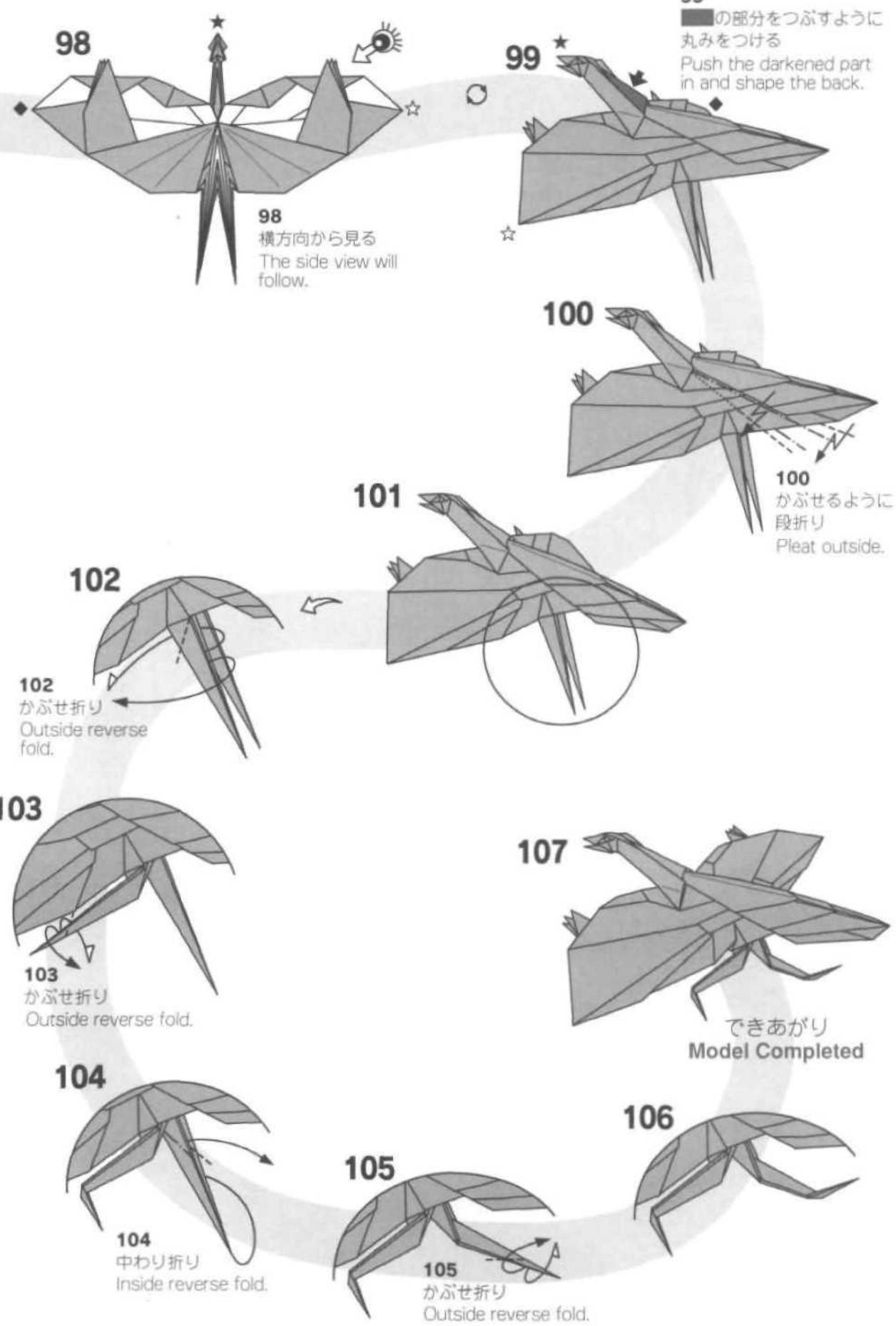
93
カドを少し折る
反対側も同じ
Fold the corners up.
Repeat on the back.



88
反対側も73~87と
同じように折る
Repeat 73~87
on the back.



89
カドとカドを結ぶ線で折る
Fold along the line connecting
the circled corners.



カニ

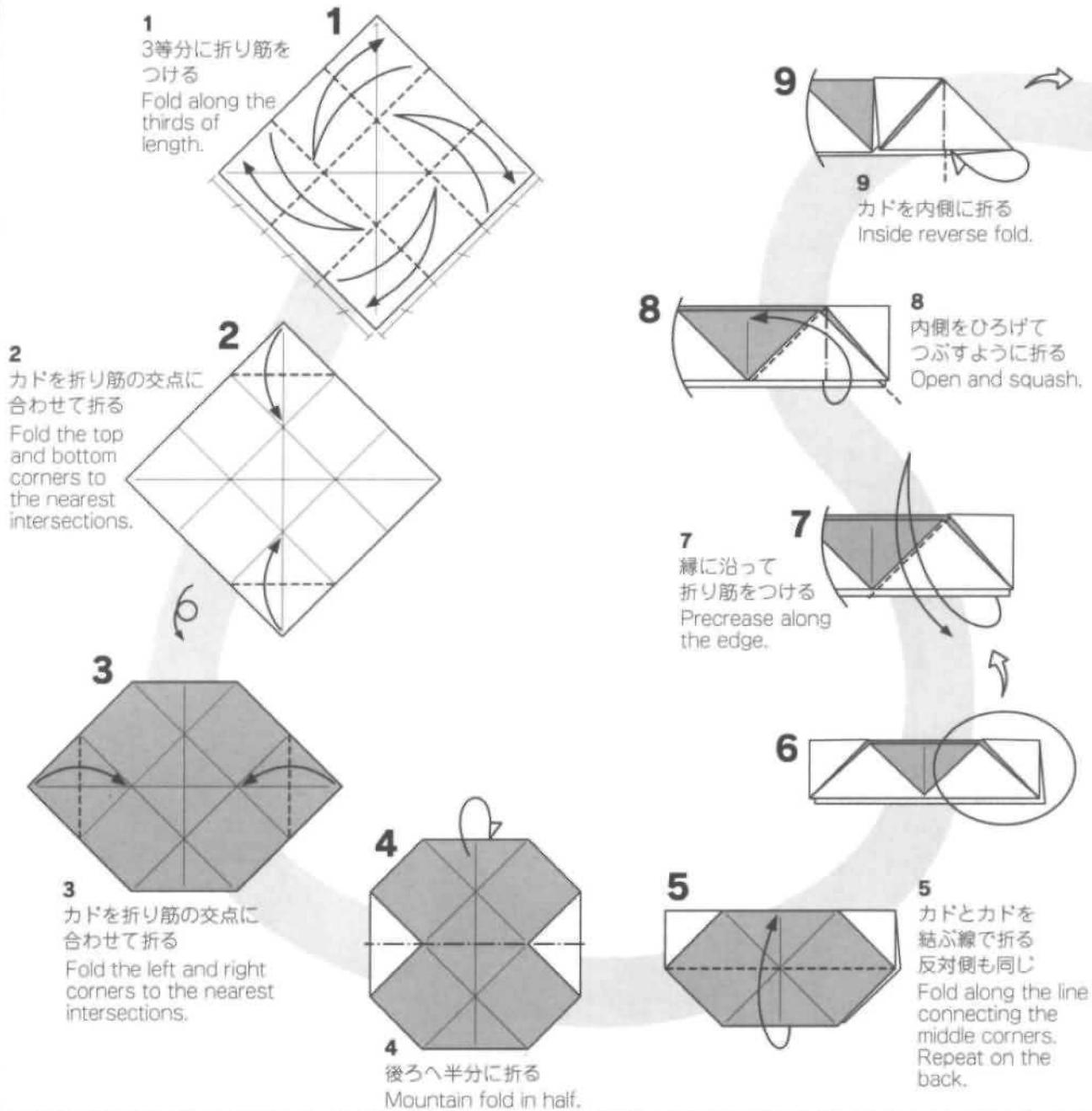
Crab

本書の中で最も古い創作になります。中学2年の頃の創作で思い出深いものですので収録させてもらいました。構造は、大雑把に言って9個のツルと理解すべきものですが、折り出しの6図に直感的な魅力を感じたものと思われます。当時、折りまくった22図から31図がつぶし折りの鍛錬となっています。

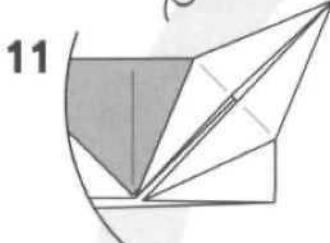
The oldest creation in this book. I created it when I was a second year student in Junior High. You can see the structure of this model with nine origami crane patterns inside. 22-31 is hard with a series of squash folds.



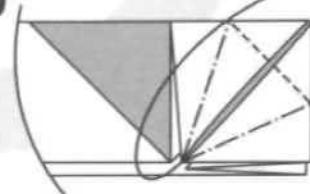
Created 1977 Paper 不切正方一枚折り: 1 piece



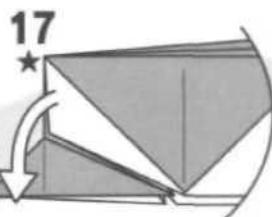
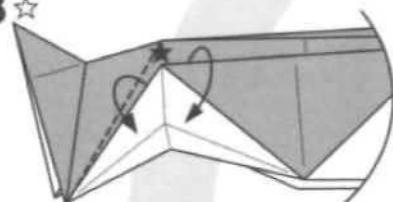
12
カドを反対側へ
折る
Swivel to the
right.

**10**

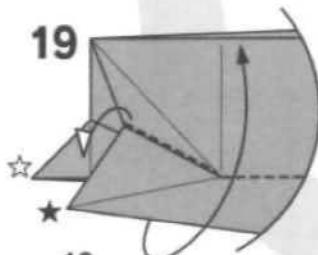
10
内側をひろげて
つぶすように折る
Form a small
bird base.



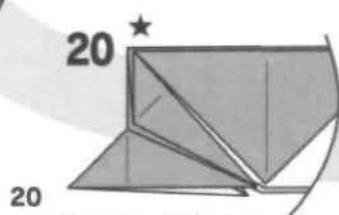
17
重なっている部分を
はがすようにして
裏返す
Detach the top layer
and turn it over. ☆

**18☆**

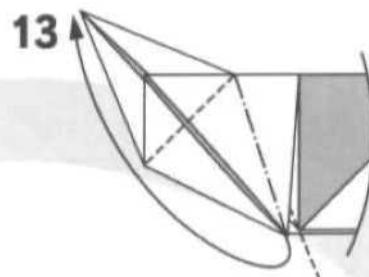
18
途中の図
Open the top layer
while detaching.

19

19
図のような折り筋で
折りまとめる
Fold up using the
precrease line.

20

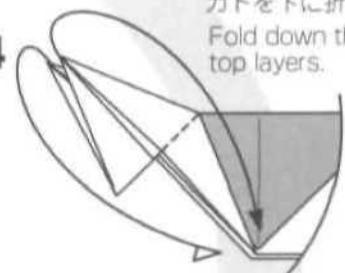
20
反対側も16~19と同じ
Repeat 16~19 on the back.



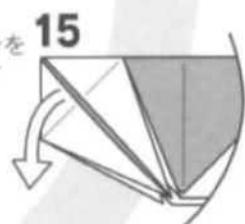
13
内側をひろげて
つぶすように折る
Form a small bird base
(the right side only).

14

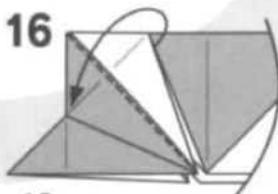
14
カドを下に折る
Fold down the
top layers.

**15**

15
重なっている部分を
はがすようにして
裏返す
Detach the top
layer and turn
it over.

**16**

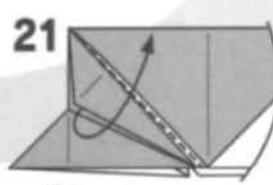
16
カドを反対側に折る
Swivel to the right.

**22**

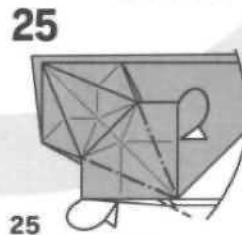
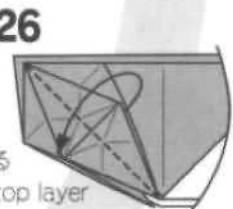
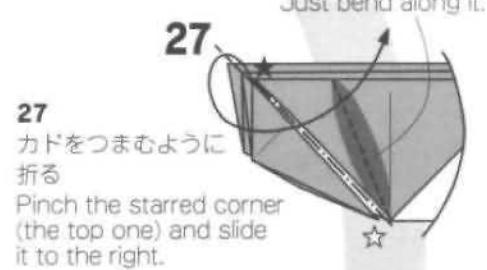
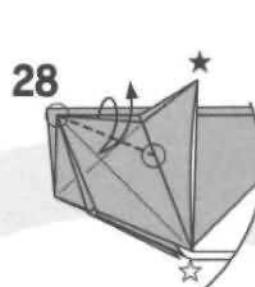
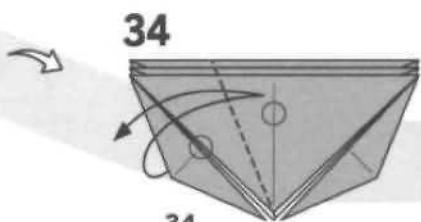
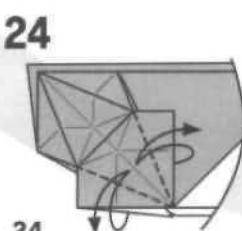
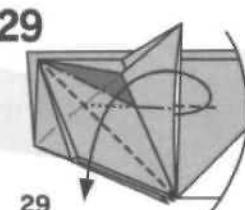
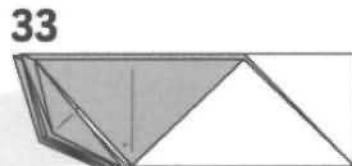
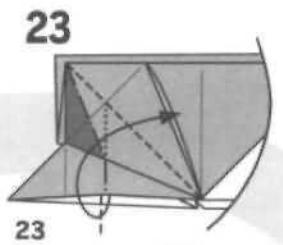
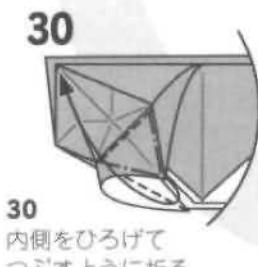
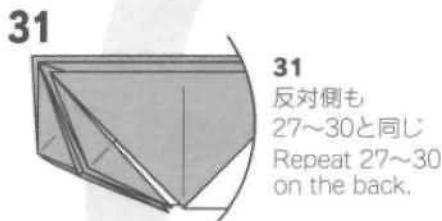
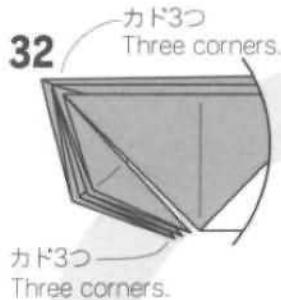
22
縁を折り筋に合わせて
折り筋をつける
Precrease the left
edge to the diagonal.

21

21
カドを反対側に折る
Swivel to the right.

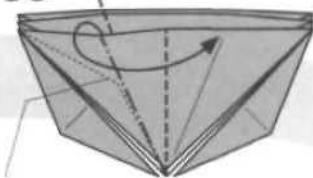


2 動物／カニ



35

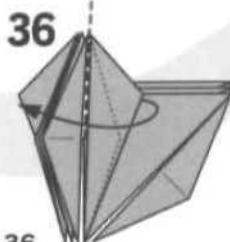
内側をひろげて
つぶすように折る
Swivel open and squash.

35

内側のカドは手前に
くるように折る
The hidden corner will
still be hidden under
the top layer.

36

カドを反対側に折る
Swivel to the left.

**37**

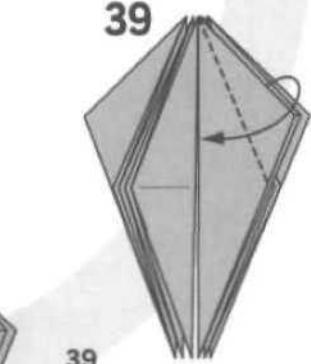
反対側も34~36と同じ
Repeat 34~36
on the right.

37**38**

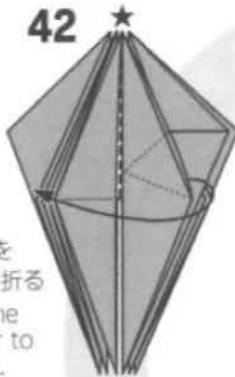
上の1枚を
反対側に折る
Swivel the top
layer to the right.

39

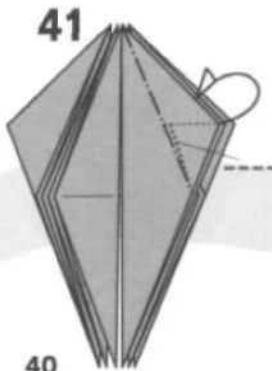
縁を中心に合わせて折る
Fold the top right edge
to the center diagonal.
Fold tightly.

39**42**

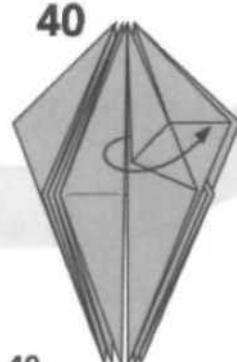
上の1枚を
反対側に折る
Swivel the top layer to
the right.

**41**

カドを内側に折る
Tuck the corner
inside.

**40**

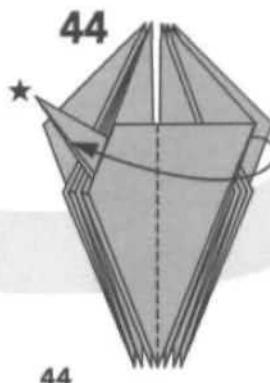
折り筋をつけてから戻す
Unfold.

**43**

内側のカドを
つまんで
ずらすように折る
Pinch the inner
corner and slide
it to the left.

**44**

反対側も38~43と同じ
Repeat 38~43 on the right.

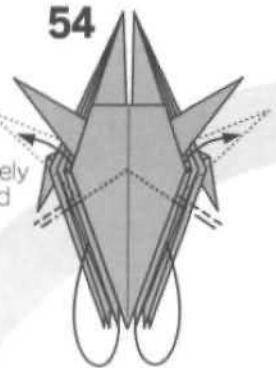
**45**

2 動物／カニ

54

すぐ上のカドを
中わり折り
Inside reverse fold
the corners immediately
above the legs folded
in 52.

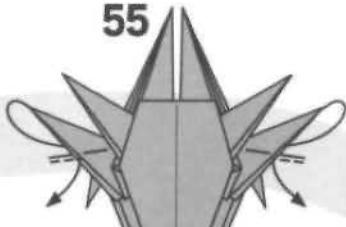
54



55

中わり折り
Inside reverse
folds.

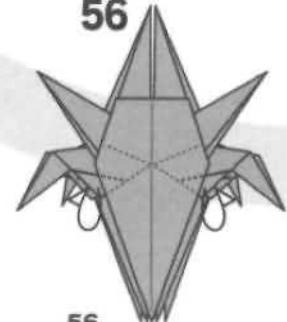
55



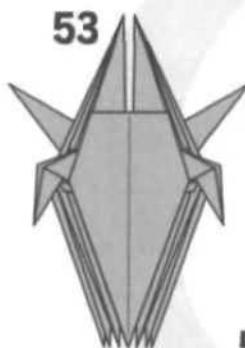
56

カドを内側に折る
Tuck the corners
inside.

56

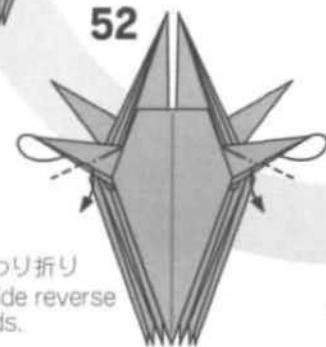


53



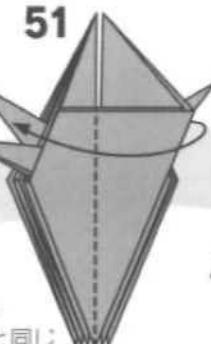
52

中わり折り
Inside reverse
folds.



51

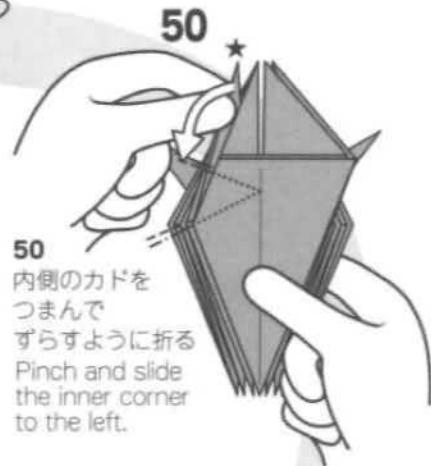
反対側も
46～50と同じ
Repeat 46～50
on the right.



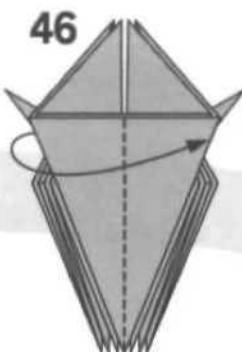
50

内側のカドを
つまんで
ずらすように折る
Pinch and slide
the inner corner
to the left.

50



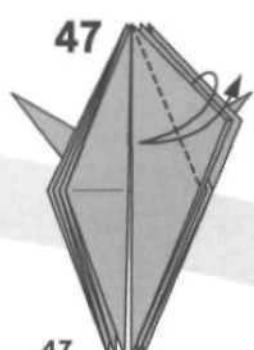
46



46

上の1枚を反対側に折る
Swivel the top layer.

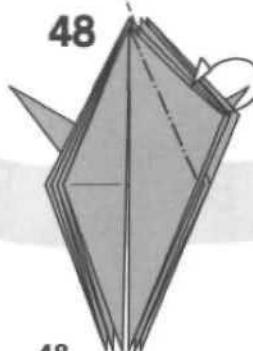
47



47

縁を中心に合わせて
折り筋をつける
Precrease the top
edge to the center
diagonal.

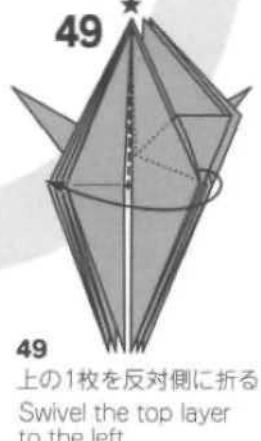
48



48

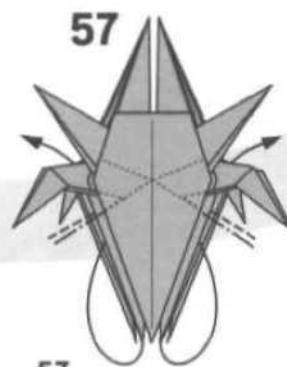
カドを内側に折る
Tuck the corner inside.

49

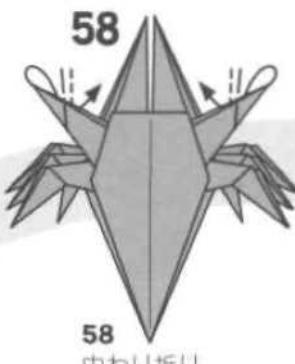


49

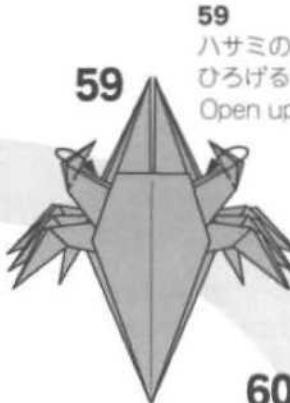
上の1枚を反対側に折る
Swivel the top layer
to the left.



57
他の4ヶ所も同じに折る
Do the same fold to the remaining four inner corners.



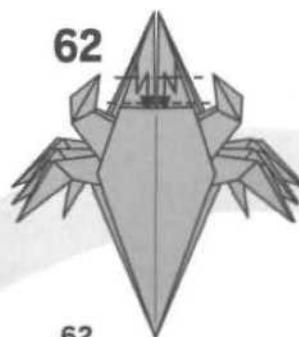
58
中わり折り
Inside reverse folds.



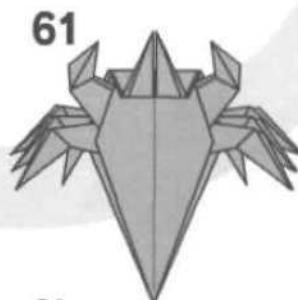
59
ハサミの部分をひろげる
Open up the claws.



60
段折り
Form a pleat.



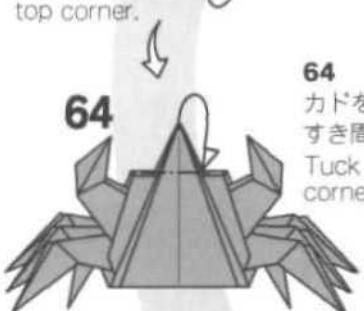
62
つけた折り筋ですき間に折り込む
Tuck the top corner inside using the existing crease lines.



61
しっかりと折り筋をつけてから60の形に戻す
Unfold to 60 after folding tightly.



63
カドを上に折る
Fold up to the top corner.



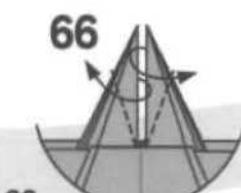
64
カドを後ろへ折ってすき間に差し込む
Tuck the top corner inside.



68
できあがり
Model Completed



65
カドをねじるようにして目をつくる
Shape the eyes.



66
図のようにカドを斜めに折る
Valley folds.



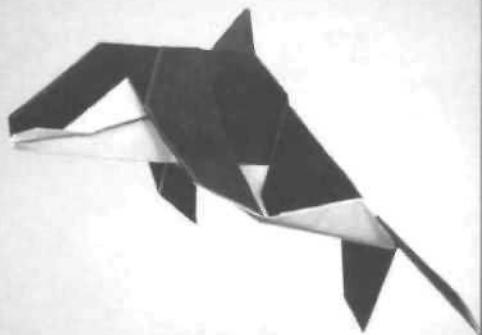
67

シャチ

Grampus

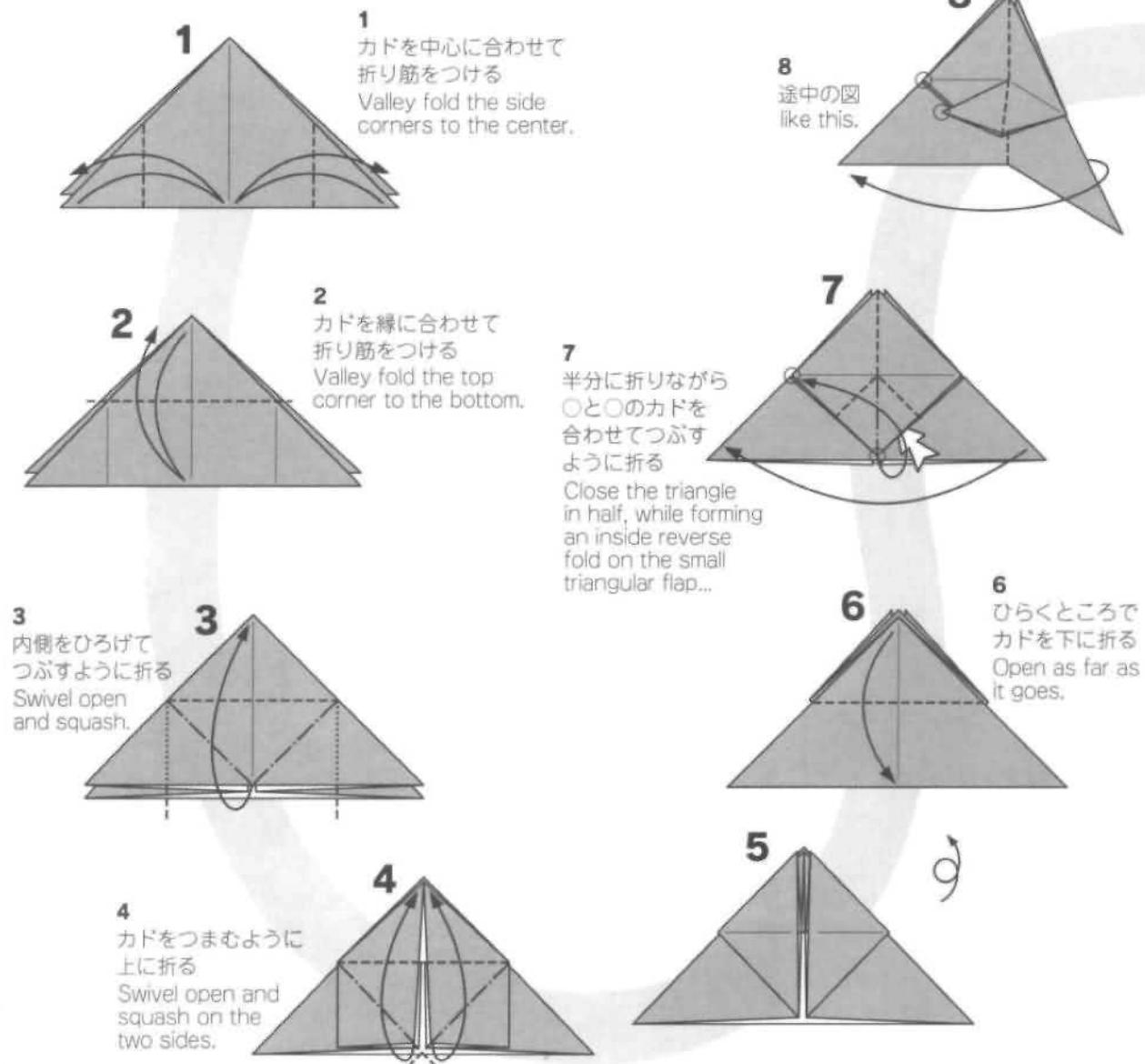
シャチの特徴は何と言っても黑白のコントラストです。図鑑と逐一比べると随分違うのですが、水中から飛び上がったシルエットも比較的上手く決まって、私としては満足できる“見立て”を得たと思っています。

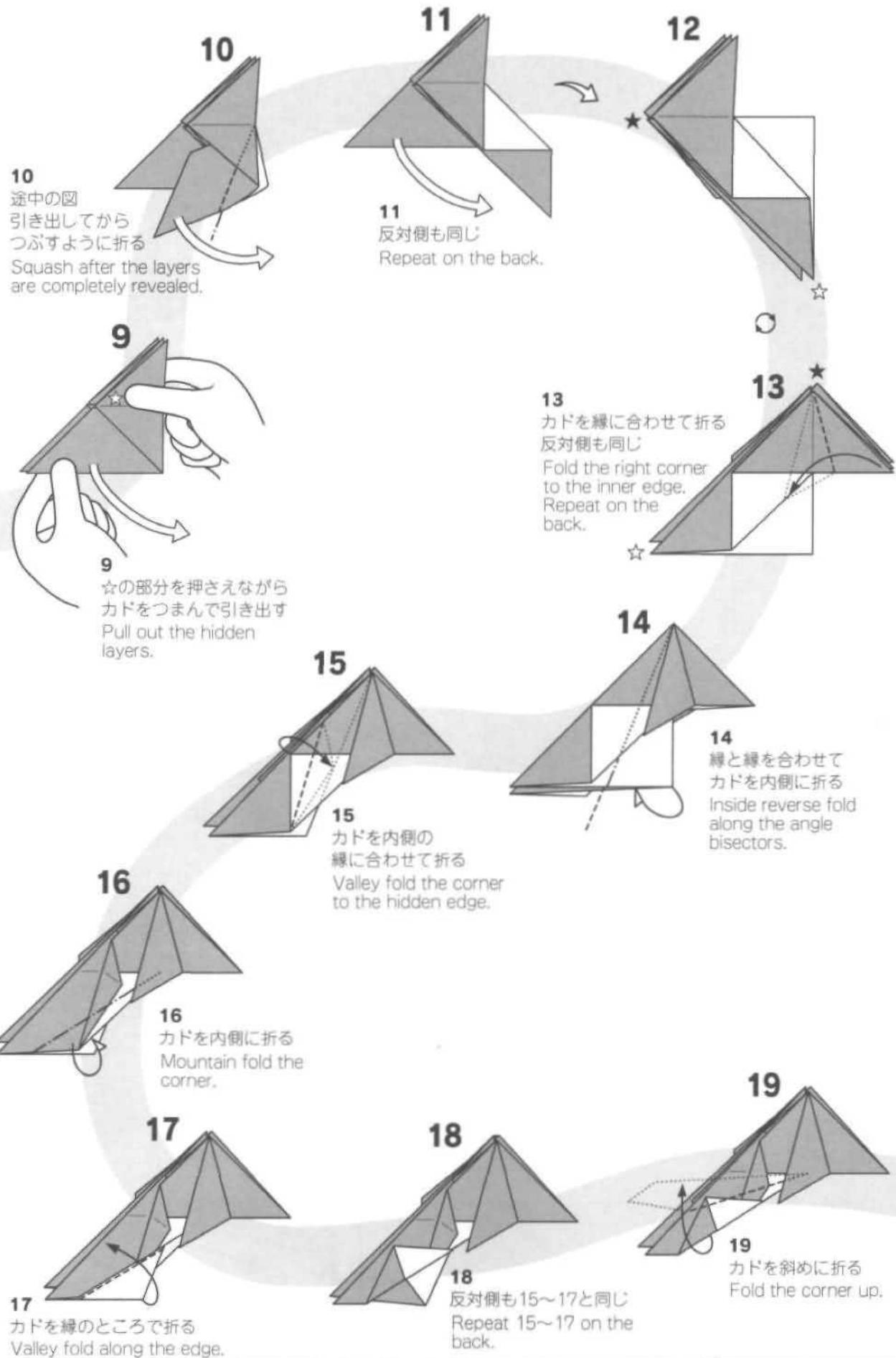
Although details are different from the real killer whale, this model is a good example of an inside out model. It was possible because my first diagnosis of the target was very good.



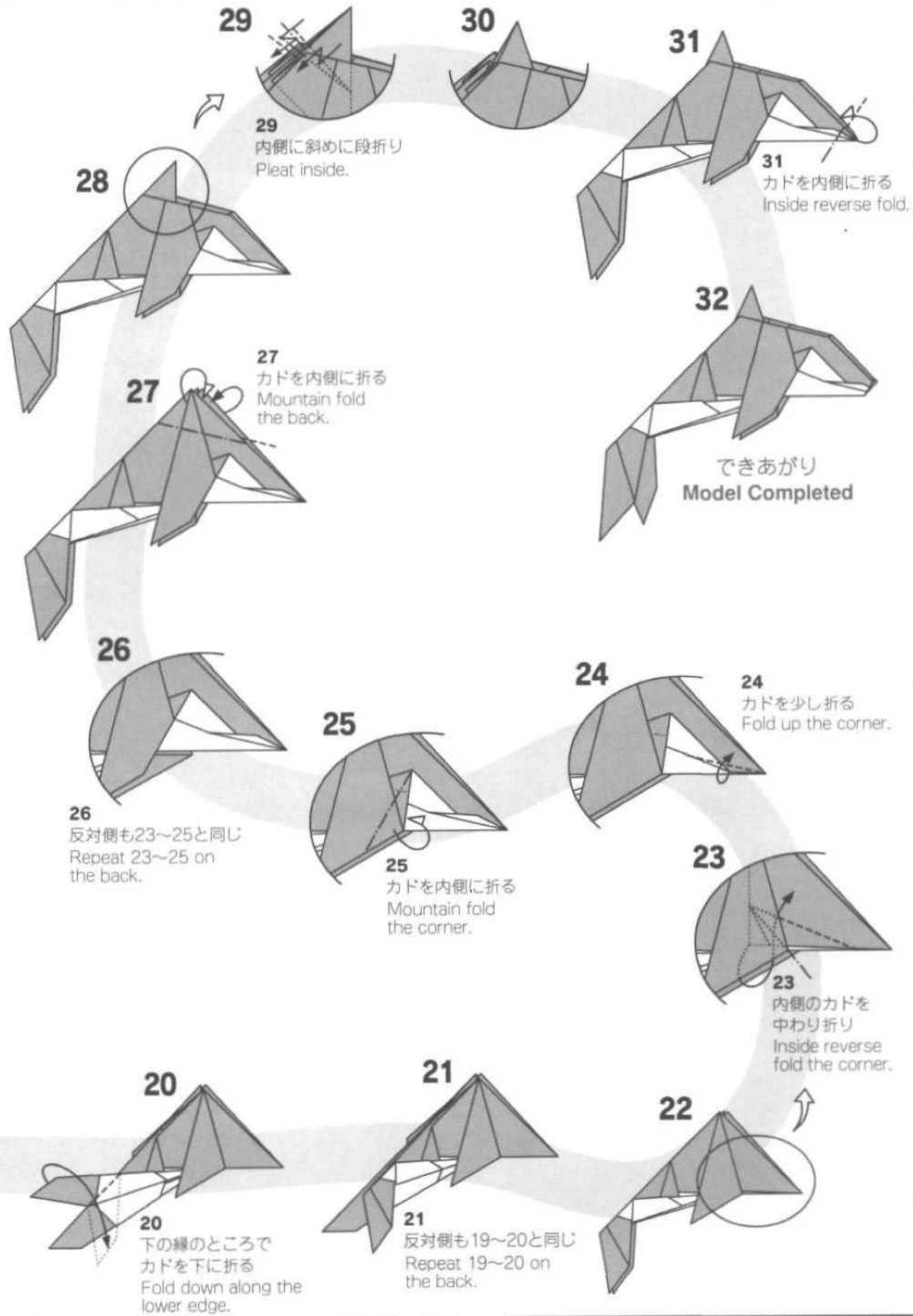
Created 1983 Paper 不切正方一枚折り: 1 piece

P. 8 [風船基本形] からはじめる
Start with [Water Bomb Base] (P. 8)





2 動物／シャチ



スペースシャトル

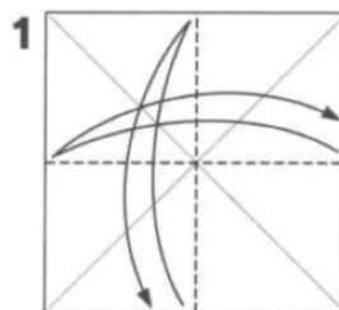
Space Shuttle

最後のコックピットの折りと鼻先のデザインがはじめにあって、やや強引に形を作っていく。きれいに折るとスペースシャトルの下から見たフラットな感じも出せるのがちょっとした幸運です。

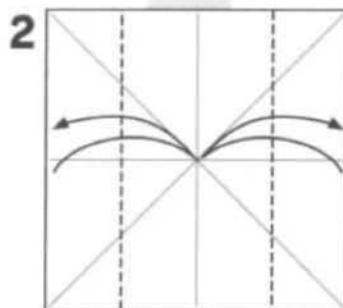
The whole model is based on the idea about the designs of the cockpit and the nose, and all previous folds converges into them. You can see the plane appearance of the bottom view of the shuttle.



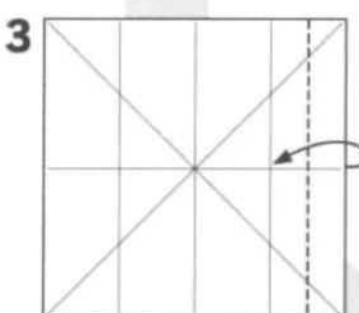
Created 1996 Paper 不切正方一枚折り: 1 piece



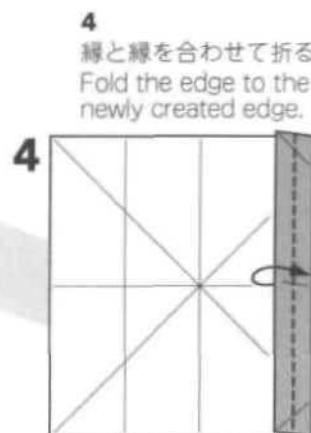
1 半分に
折り筋をつける
Fold in halves.



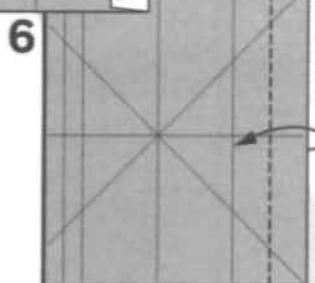
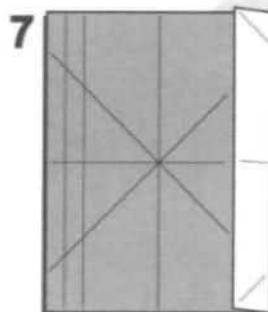
2 縁を中心に合わせて
折り筋をつける
Fold the edges to the center.



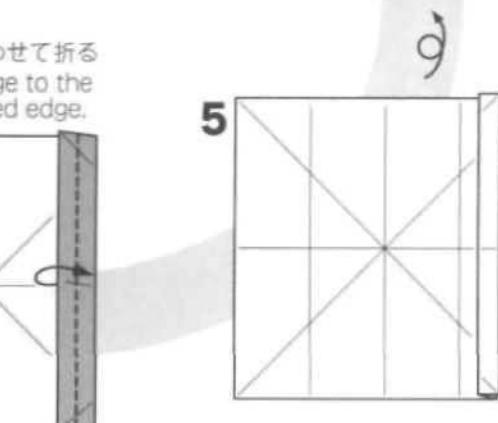
3 縁を折り筋に
合わせて折る
Fold the right edge
to the closest crease
line made in 2.



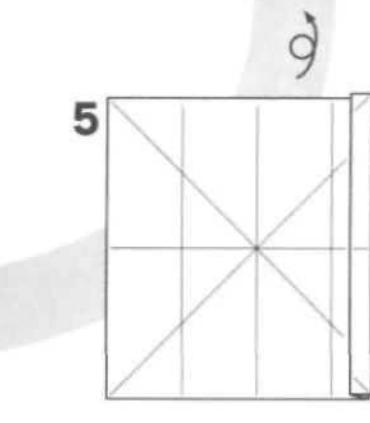
4 縁と線を合わせて折る
Fold the edge to the
newly created edge.



6 縁を折り筋に
合わせて折る
Fold the other
edge to the
closest crease line.



7 縁と線を合わせて折る
Fold the edge to the
newly created edge.

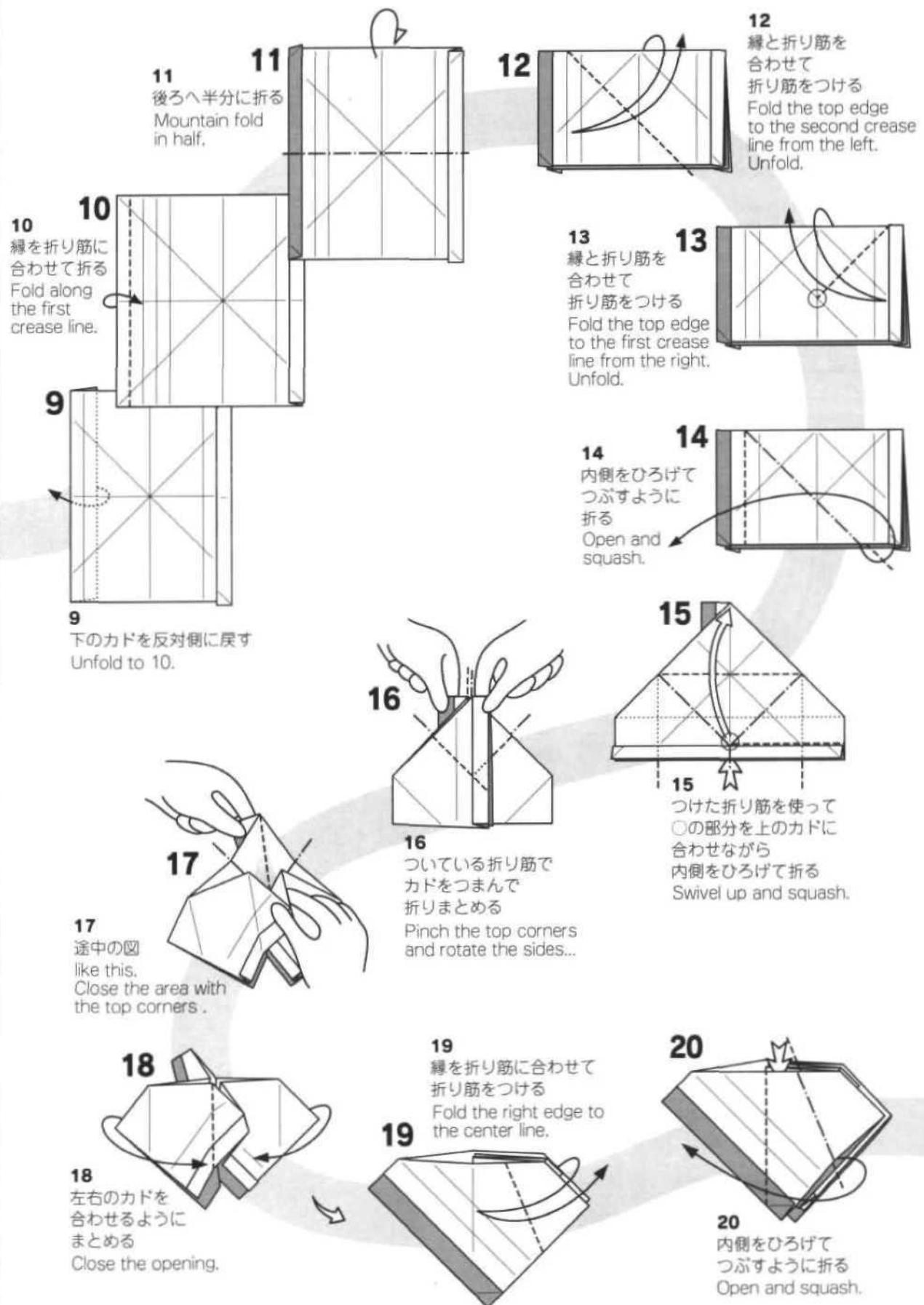


8 縁と線を合わせて
折り筋をつける
Precrease the left
edge to the closest
crease line.



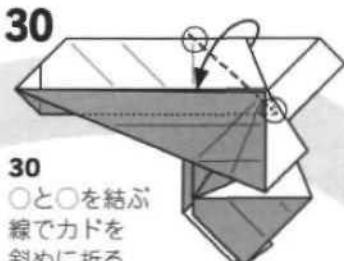
9 縁と線を合わせて折る
Fold the edge to the
newly created edge.

3 宇宙／スペースシャトル

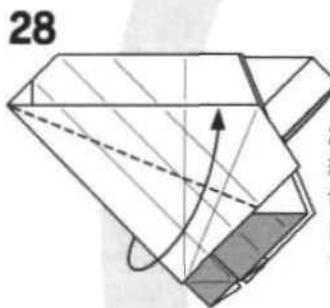




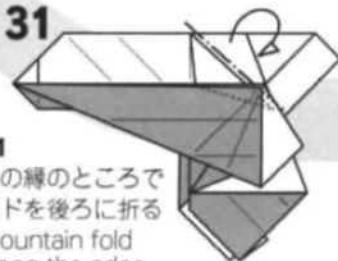
29
反対側も
24~28と同じ
Repeat 24~28
on the back.



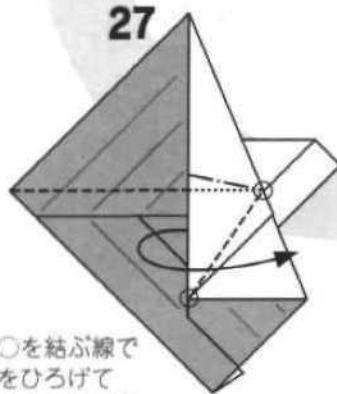
30
○と○を結ぶ
線でカドを
斜めに折る
Valley fold along the line
connecting the circled
intersections.



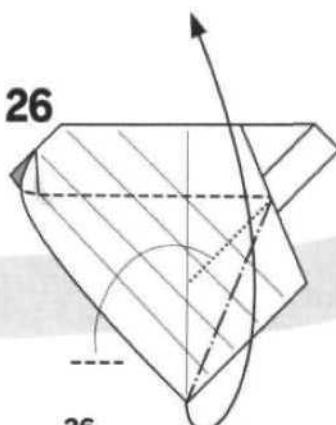
28
縁と縁を
合わせて折る
Fold edge to
edge.



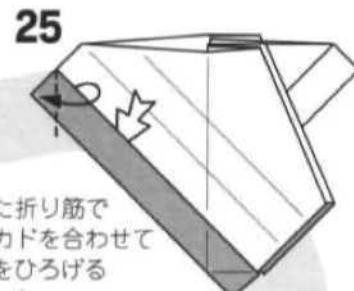
31
上の縁のところで
カドを後ろに折る
Mountain fold
along the edge.



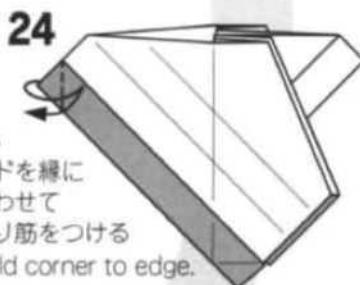
27
○と○を結ぶ線で
内側をひろげて
つぶすように折る
Swivel along the line
connecting the
circled intersections
and squash.



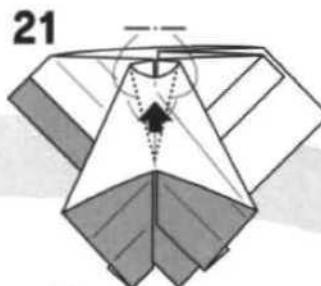
26
内側をひろげて
つぶすように折る
Swivel up and squash.



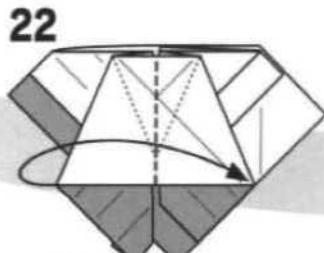
25
つけた折り筋で
縁とカドを合わせて
内側をひろげる
Open the narrow
pocket using the
crease line in 24.



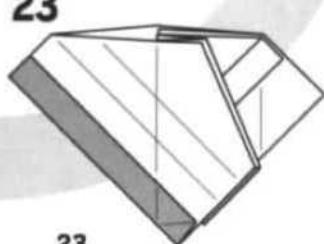
24
カドを縁に
合わせて
折り筋をつける
Fold corner to edge.



21
途中の図
Spread the excess
layer and squash.



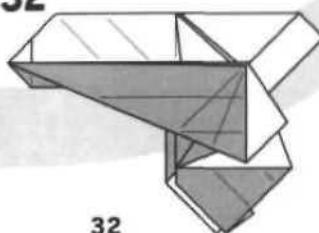
22
カドを反対側に折る
Swivel to the right.



23
反対側も19~22と同じ
Repeat 19~22 on the right.

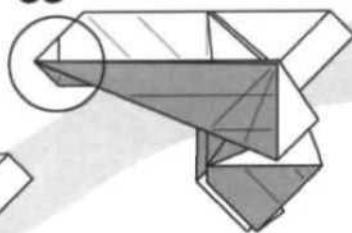
3 宇宙／スペースシャトル

32



32
反対側も30~31と同じ
Repeat 30~31 on the back.

33



34

34
カドを縁に合わせて折る
Fold the left corner to the inner edge.

35

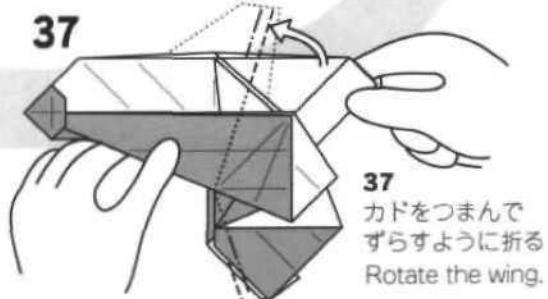
35

35
開くところで折る
Open as far as possible.

36

36
反対側も34~35と同じ
Repeat 34~35 on the back.

37



39



39

カドを後ろへ折る
Mountain fold the corner.

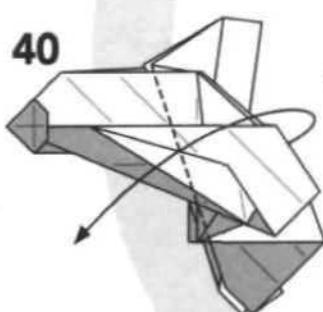
38

38
カドを縁に合わせて斜めに折る
Fold the colored corner to the lower edge.

37

37
カドをつまんでずらすように折る
Rotate the wing.

40



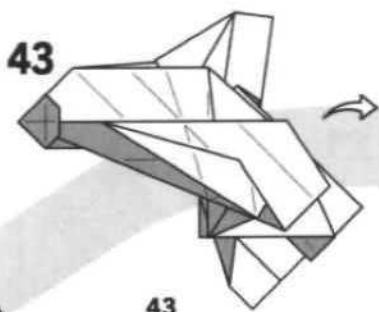
40

開くところでカドを折る
Swivel where it opens.

42

途中の図
Also form an inside reverse fold on the top edge.

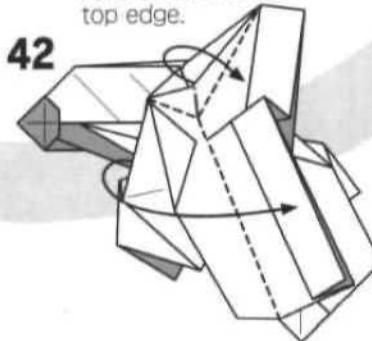
43



41

図のような
折り筋で
段折りしながら
それぞれ縁と縁を
合わせて折る
Form a pleat while
closing where
indicated.

42

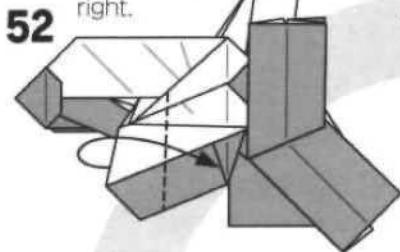


43

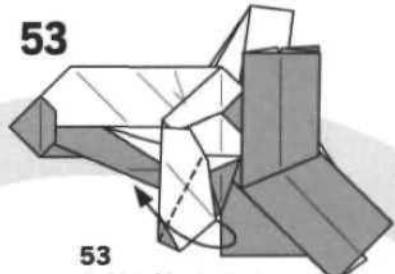
反対側も38~42と同じ
Repeat 38~42 on the back.

52

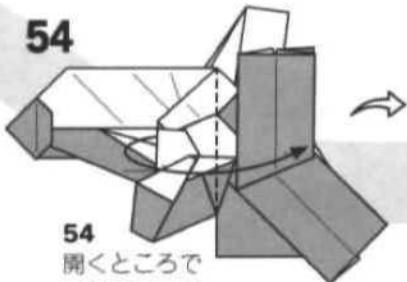
カドを反対側に折る
Swivel to the right.

**53****53**

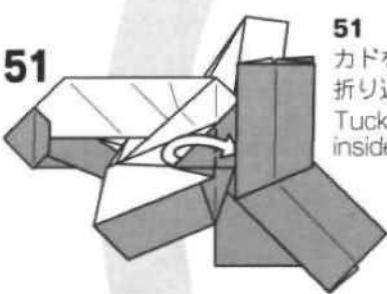
カドを斜めに折る
Valley fold as indicated.

**54****54**

開くところで
反対側に折る
Swivel to the right
where it opens.

**51****51**

カドをすき間に
折り込む
Tuck the corner inside.

**50****50**

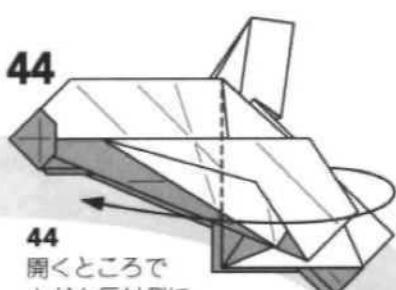
ついている折り筋で
つられて持ち上がる部分を
上に折る

Swivel up along the
precrease line.

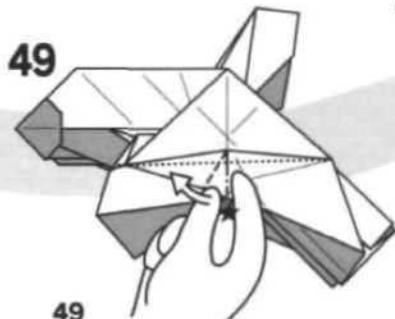
44**44**

開くところで
カドを反対側に
折る

Swivel where the
wing opens.

**49****49**

48でカドになった部分を
ついている折り筋で
上に折る
Swivel up and close
to the left.

**48****48**

つまんで○の部分が
カドになるように
折る

Form a kind of
rabbit ear.

47**47**

○と○を結ぶ線で
折り筋をつける
Precrease along the
line connecting the
circled corners.

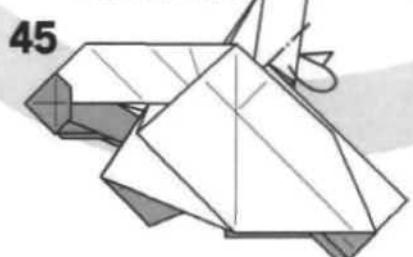
46**46**

カドとカドを
合わせて折り筋をつける

Precrease along the line
connecting the circled corners.

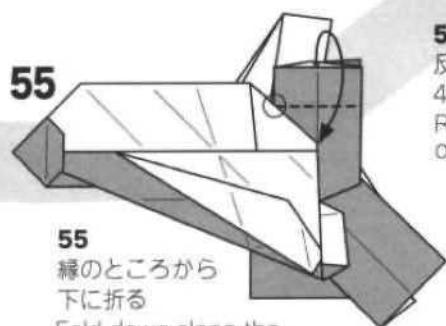
45

カドを内側に折る
Mountain fold.



3 宇宙／スペースシャトル

55



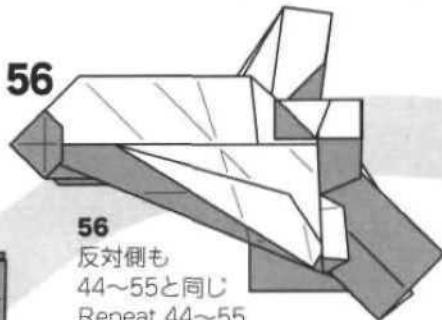
55

縁のところから
下に折る

Fold down along the
line starting from the
intersection.

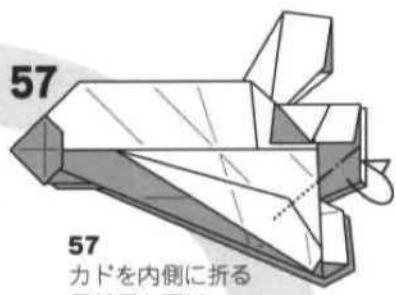
56

56
反対側も
44～55と同じ
Repeat 44～55
on the back.



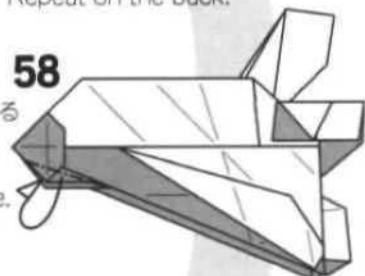
57

57
カドを内側に折る
反対側も同じ
Mountain fold the tail.
Repeat on the back.



58

58
カドを内側に折る
反対側も同じ
Mountain fold below the nose.
Repeat on the back.



60

60
上のすき間の部分を
糊付けする
Glue the top portion
of the back.

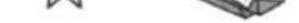
60



59

59

黒矢印の部分を押し込みながら
内側をひろげて立体にする
Push on the back and shape
the body.



61

ひろげて
内側を見る

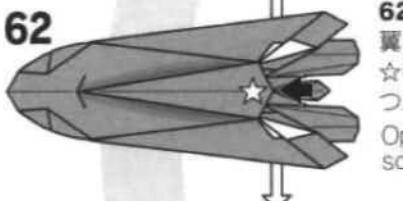
The inside view.



62

62

翼をひろげながら
☆の部分をひろげて
つぶすように折る
Open the wings and
squash the starred part.

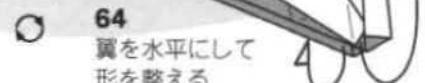


63



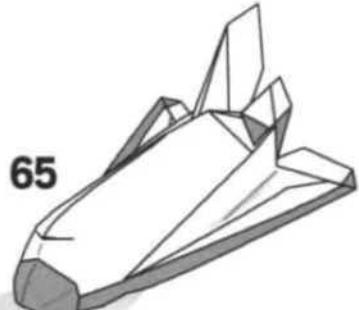
64

64
翼を水平にして
形を整える
Open the wings level and
shape them to the taste.



65

できあがり
Model Completed



天体望遠鏡

Telescope

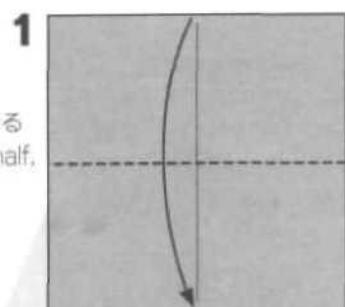
反射望遠鏡です。赤道儀や照準器など小物をパーツで作る複合作ですが、作例が見あたらないので一興といったところでしょうか。星座を幾つか作った際に小物として考えてみたものです。

This is a modular reflecting telescope, which as far as I know can't be seen anywhere else. You should fold it with Constellations.

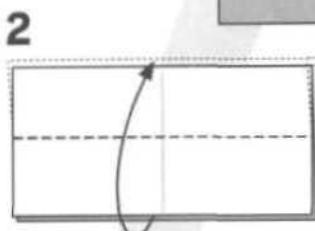


Created 1989 Paper 複合作品・4枚 : 4 pieces

[本体] Body



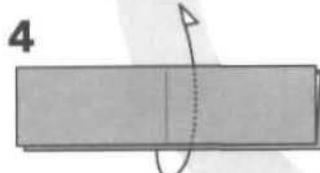
1
半分に折る
Fold in half,



2
縁から少し出るように折る
Fold up.

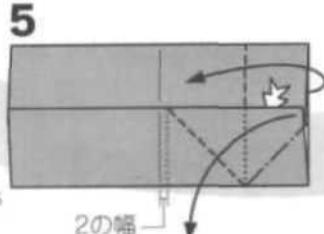


3
上の縁の
ところで
後ろへ折る
Mountain
fold along
the edge.

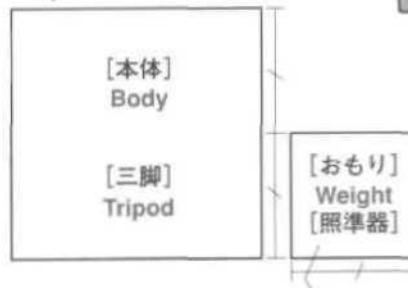


4
下の縁を
上に折る
Swivel up
the lower
layer.

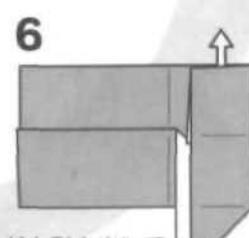
5
中心から2の幅と
同じに離して折る
Open and squash.
Leave the same
amount of width as
in 2 in the center.



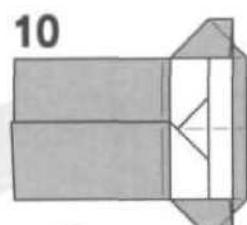
[紙の比率] Paper Size



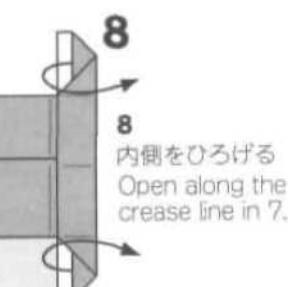
Sighting Device



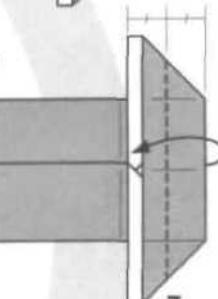
6
カドを引き出して
つまむように折る
Pull out the hidden layers.



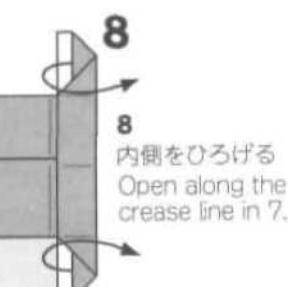
7
反対側も5～9と同じ
Repeat 5～9 on the back.



9
縁と縁を合わせて
つぶすように折る
Squash the top
and the bottom.



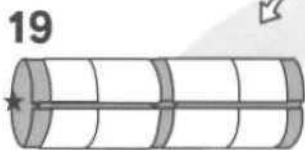
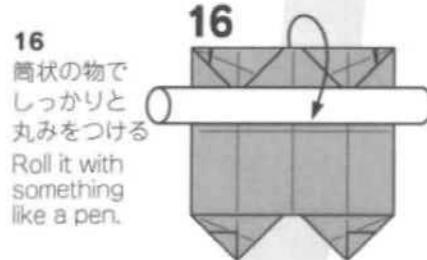
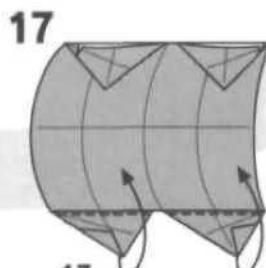
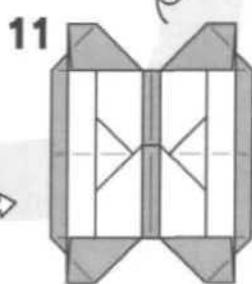
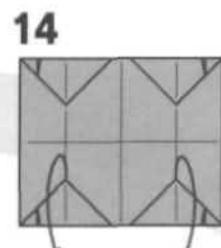
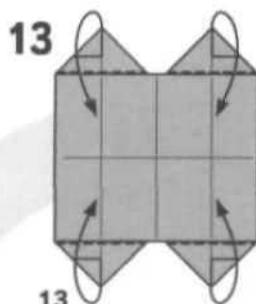
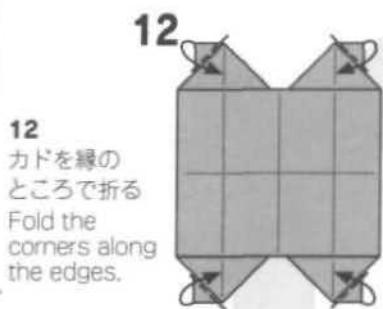
10
反対側も5～9と同じ
Repeat 5～9 on the back.



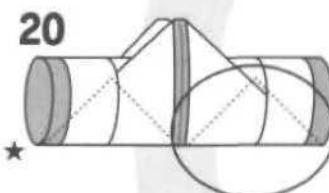
8
内側をひろげる
Open along the
crease line in 7.

7
縁と縁を
合わせて折る
Fold edge to
edge.

3 宇宙／天体望遠鏡



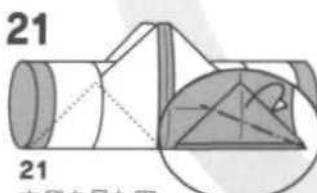
丸めて筒状にしながら
☆のカドを★のすき間に
差し込む
Roll and tuck the bottom
corners into the top
pockets.



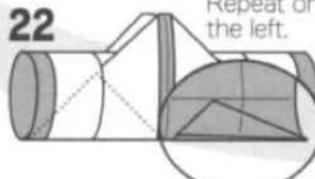
○の部分の
内側を見る
The inside view.



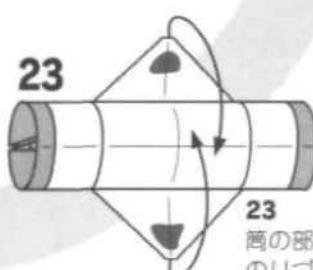
[本体]のできあがり
[Body] Completed



内側を見た図
ついている折り筋で
内側のカドを
折って止める
Fold along the precrease
line and lock it.



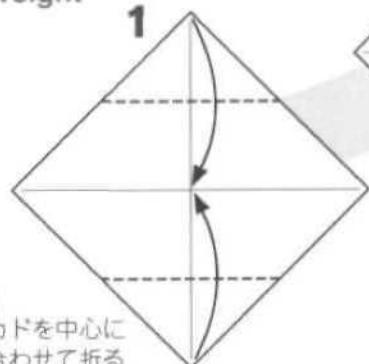
反対側も同じ
Repeat on
the left.



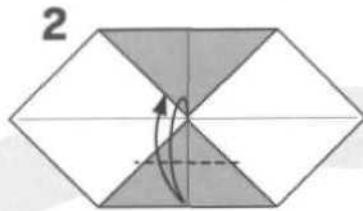
筒の部分に沿って
のりづけ
Glue along the body.

[おもり]

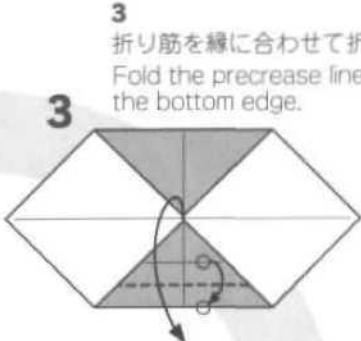
Weight



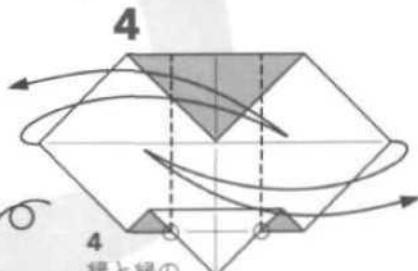
1
カドを中心
に合わせて折る
Fold the two
corners to
the center.



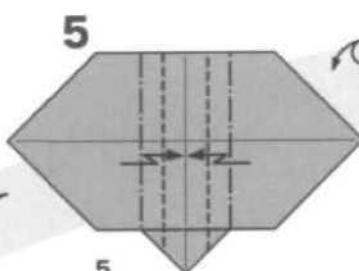
2
カドと縁を合わせて
折り筋をつける
Fold the bottom
corner to the bottom
edge and unfold.



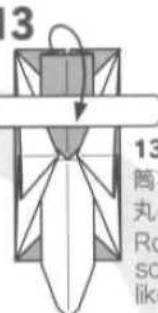
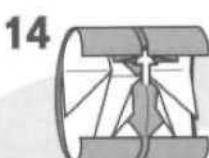
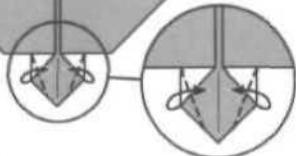
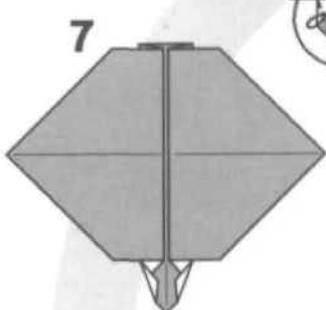
3
折り筋を縁に合わせて折る
Fold the precrease line to
the bottom edge.



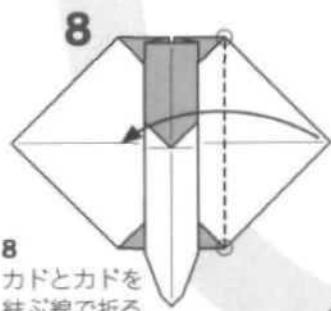
縁と縁の
交点のところで折り筋をつける
Precrease vertically
starting from the bottom
intersections.



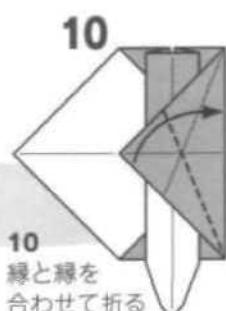
5
4でつけた折り筋を中心
に合わせて段折り
Form pleats.



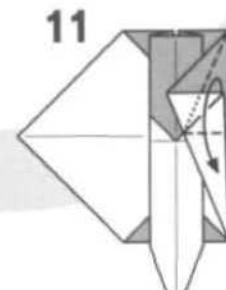
13
筒状の物で
丸みをつける
Roll it using
something
like a pen.



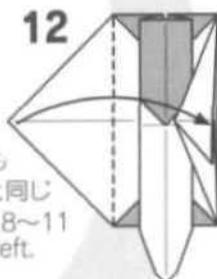
8
カドとカドを
結ぶ線で折る
Fold along the line
connecting the
corners.



10 緑と緑を
合わせて折る
Fold edge to edge



11
力道をつまむ
ように折る
Swivel down
and squash.

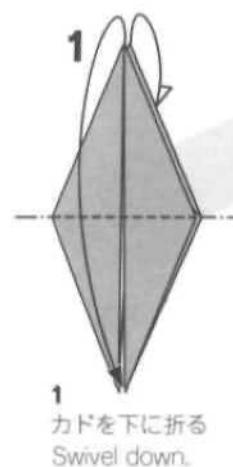


12
反対側も
8~11と同じ
Repeat 8~11
on the left.

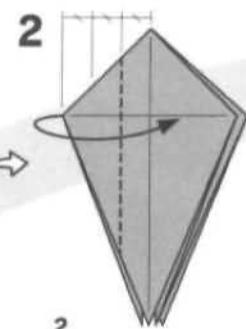
3 宇宙／天体望遠鏡

[三脚]
Tripod

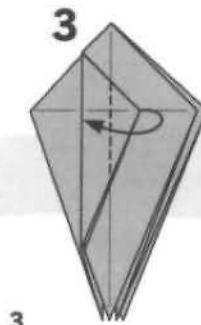
P. 8 [鶴の基本形] からはじめる
Start with [Bird Base] (P. 8)



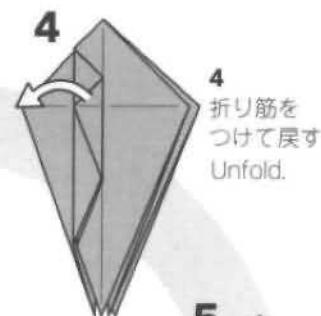
1 カドを下に折る
Swivel down.



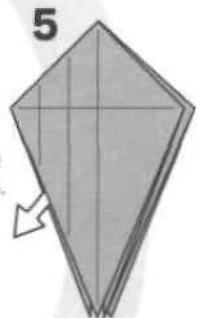
2 1/3のところで
カドを反対側に折る
Swivel to the right at
a third from the center.



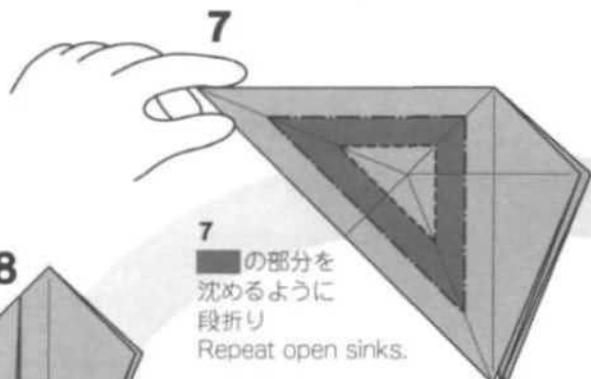
3 同じ幅で反対側に折る
Swivel to the left along
the center line.



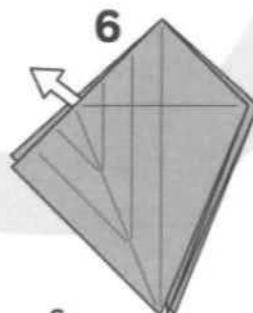
4 折り筋を
つけて戻す
Unfold.



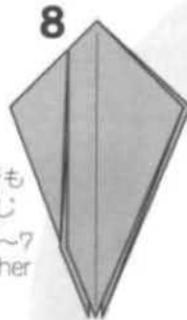
5 内側の紙を
引き出す
Pull out the
inner layers.



7 ■の部分を
沈めるように
段折り
Repeat open sinks.



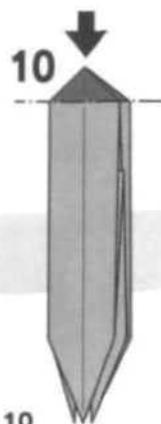
6 内側の紙を引き出す
Pull out the inner layer.



8 他の3ヶ所も
2~7と同じ
Repeat 2~7
on the other
three
corners.



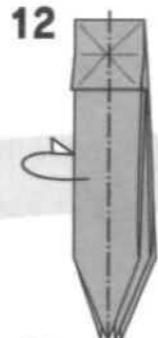
9 カドとカドを
結ぶ線で
折り筋をつける
Fold along the
line connecting
the corners.



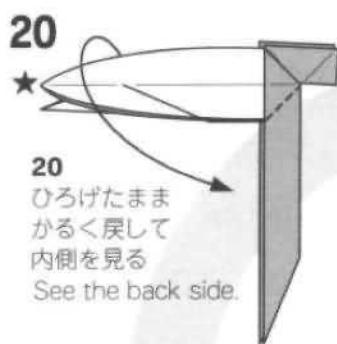
10 ■の部分を
沈め折り (open sink)
Open sink.



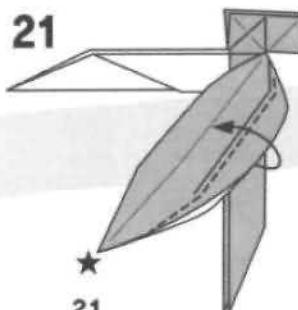
11 内側をひろげて
つぶすように折る
Swivel down.



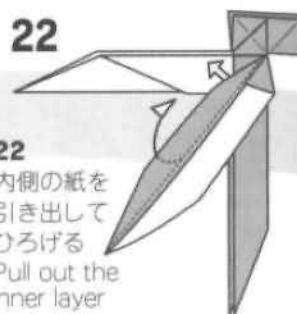
12 後ろへ半分に折る
Mountain fold in half.



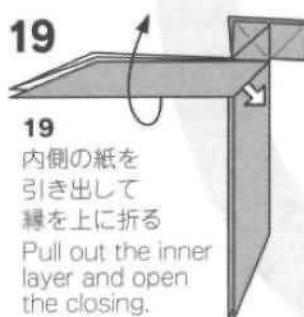
20
ひろげたまま
かるく戻して
内側を見る
See the back side.



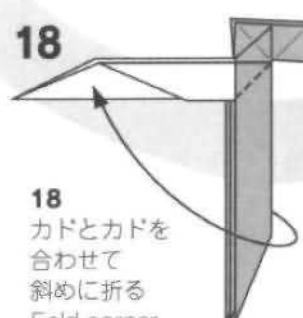
21
19で引き出した部分を
かぶせるように折る
Wrap the pulled-out
layer around.



22
内側の紙を
引き出して
ひろげる
Pull out the
inner layer
and open.



19
内側の紙を
引き出して
縁を上に折る
Pull out the inner
layer and open
the closing.



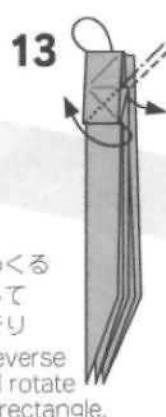
18
カドとカドを
合わせて
斜めに折る
Fold corner
to corner.



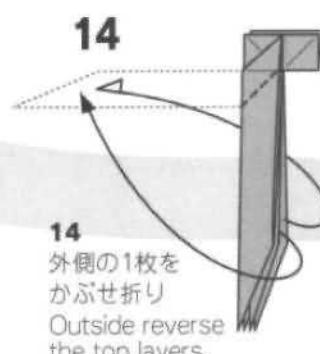
17
反対側も
15~16と同じ
Repeat 15~16
on the back.



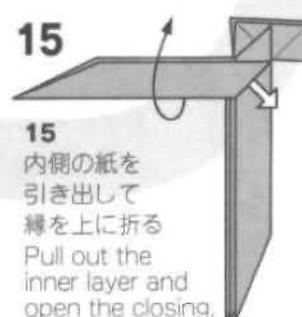
16
裏返した部分を
すぐ後ろの
すき間に折り込む
Tuck the pulled-out
layer inside.



13
カドをめくる
ようにして
中わり折り
Inside reverse
fold and rotate
the top rectangle.

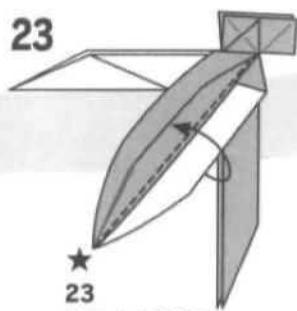


14
外側の1枚を
かぶせ折り
Outside reverse
the top layers.

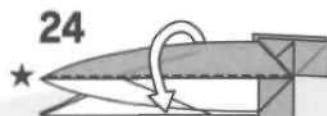


15
内側の紙を
引き出して
縁を上に折る
Pull out the
inner layer and
open the closing.

3 宇宙／天体望遠鏡



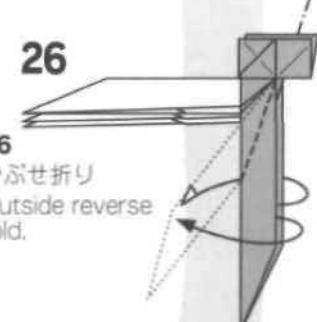
23
このまま20の形まで戻す
Back to the front side.



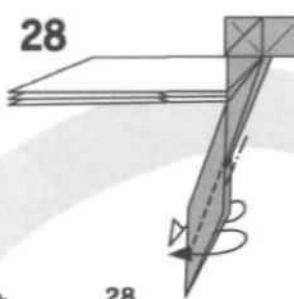
24
引き出してできた縁をかぶせるように折る
Wrap the pulled-out layer around.



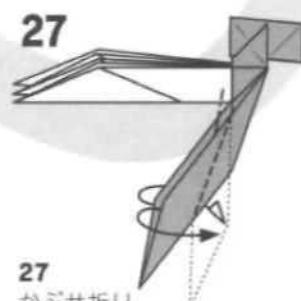
25
反対側も18~24と同じ
Repeat 18~24 on the back.



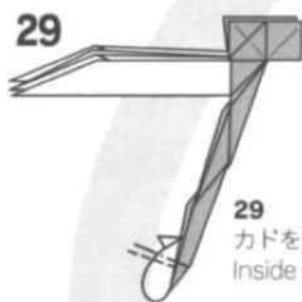
26
かぶせ折り
Outside reverse fold.



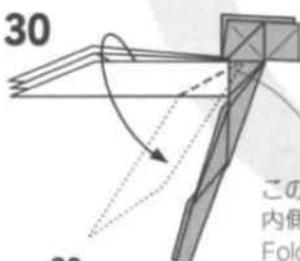
28
かぶせ折り
Outside reverse fold.



27
かぶせ折り
Outside reverse fold.

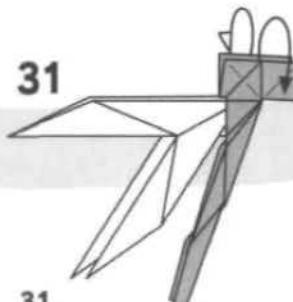


29
カドを内側に折る
Inside reverse fold.

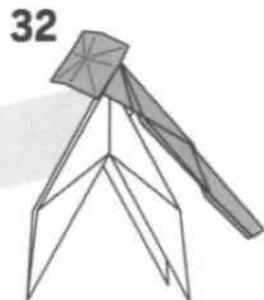


30
カドを下に折る
反対側も同じ
Fold down the corner.
Repeat on the back.

この部分は内側だけ折る
Fold only the inner layers here.

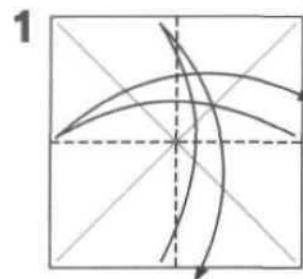


31
ひろげて平らにする
Spread the rectangular closing.

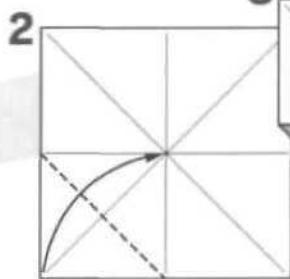


[三脚]のできあがり
[Tripod] Completed

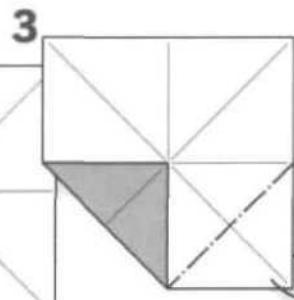
[照準器] Sighting Device



1
縦横半分に
折り筋をつける
Fold in halves.

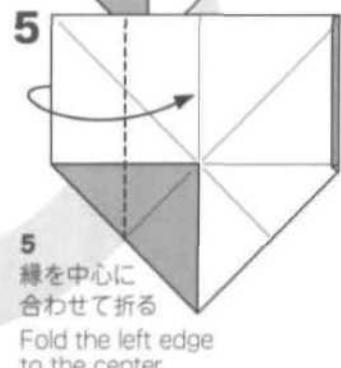
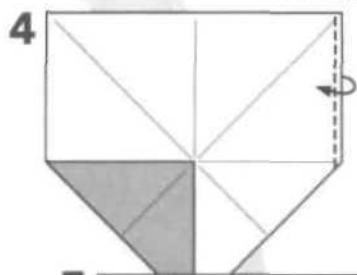


2
カドを中心に
合わせて折る
Fold the corner
to the center.

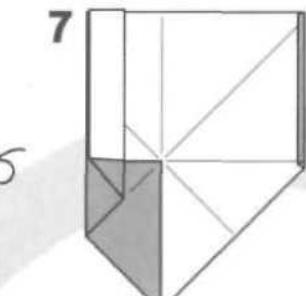
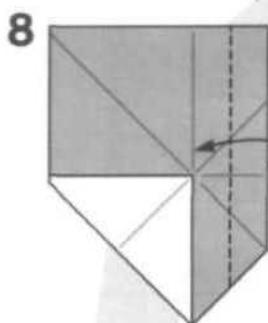


3
カドを中心に
合わせて
後ろへ折る
Mountain fold the
corner to the center.

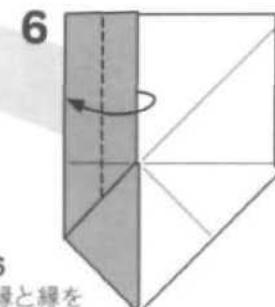
4
縁を少し折る
Fold along
the edge.



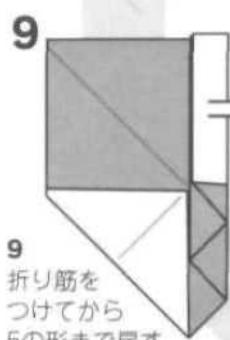
5
縁を中心には
わせて折る
Fold the left edge
to the center.



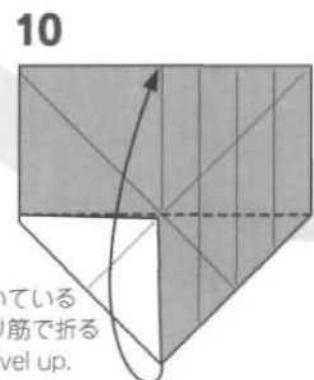
6
縁と縁を
合わせて折る
Fold edge to
edge.



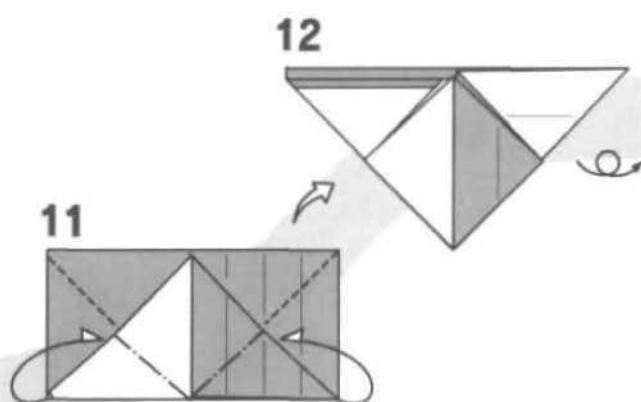
7
縁を中心には
わせて折る
Fold edge to
edge.



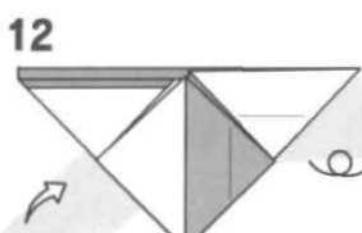
9
折り筋を
つけてから
5の形まで戻す
Unfold to 5.



10
ついている
折り筋で折る
Swivel up.



11
ついている折り筋で
カドを内側に折る
Inside reverse fold
along the precrease lines.

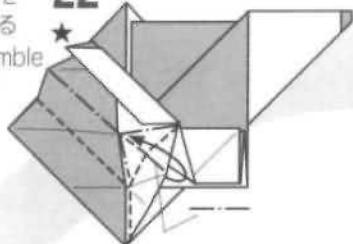


3 宇宙／天体望遠鏡

22

持ち上がった部分を
押し込むように折る
Flatten and assemble
while shifting the
starred corner
down.

22

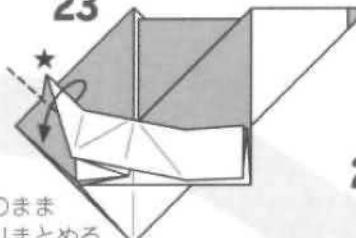


23

23

そのまま
折りまとめる
It should be assembled
this way.

23



24

24

上の1枚を下に折る
Fold down the top layer.

21

21

図のような折り筋で
縁をつまむように折る
Pinch the center line.
Some layers are
pulled up.

20

20

縁と折り筋を合わせて
折り筋をつける
Fold the edges to
the center.

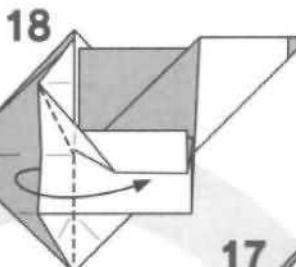
19

19

縁と縁を合わせて
折り筋をつける
Precrease edge to edge.

18

18
途中の図
like this.

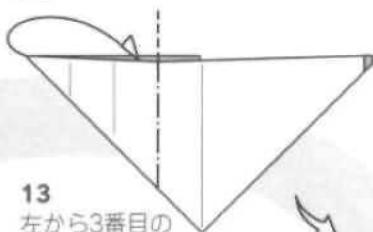


17

17

○と●の縁を
合わせながら
☆の縁を
反対側に折る
Swivel the left portion
to the right while folding
edge to edge on the right...

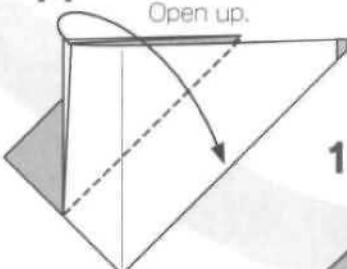
13



13

左から3番目の
折り筋でカドを
内側に折る
Inside reverse fold
along the third
crease line.

14



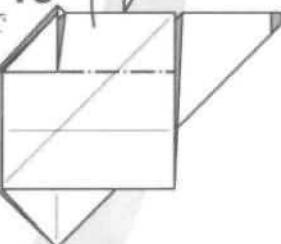
14

開くところで
カドを折る
Open up.

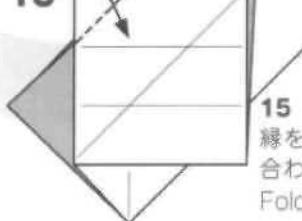
16

ついている折り筋で
縁を内側に折る
Mountain fold
along the
crease line.

16

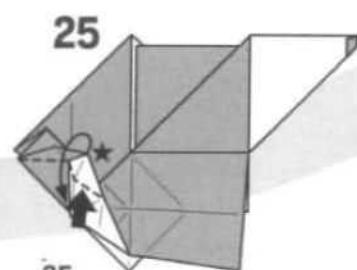


15

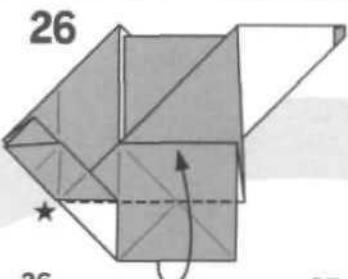


15

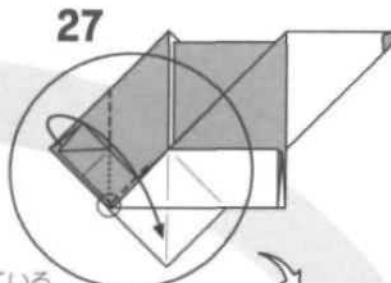
縁を折り筋に
合わせて折る
Fold along the edge.



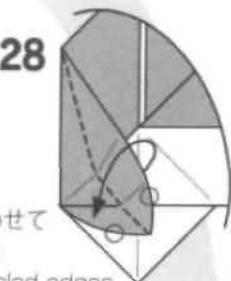
25
つられて持ち上がるところを押し込んでつぶすように折る
Squash the pulled-up layer.



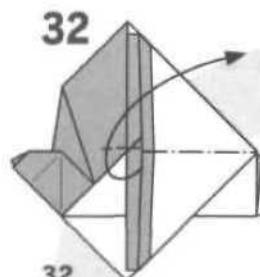
26
縁と縁を合わせて折る
Fold edge to edge.



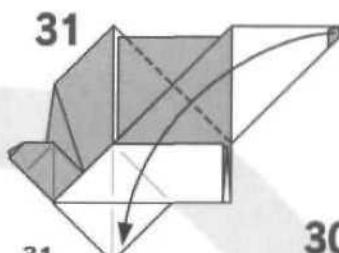
27
ついている折り筋で内側をひろげるように折る
Swivel and open along the precrease line.



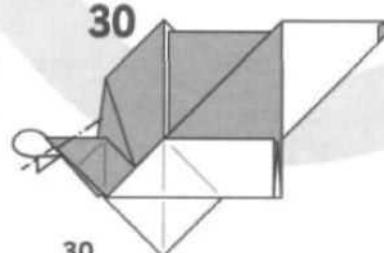
28
○と○を合わせて折りまとめる
Align the circled edges.



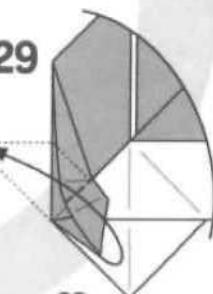
32
内側をひろげてつぶすように折る
Open and squash.



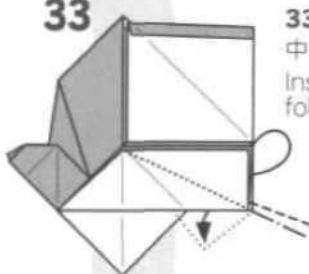
31
下の縁のところでカドを斜めに折る
Fold along the lower edge.



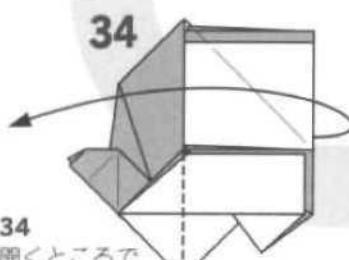
30
カドを内側に折る
Inside reverse fold.



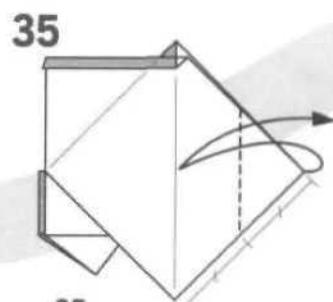
29
そのままカドを反対側に折る
Swivel up.



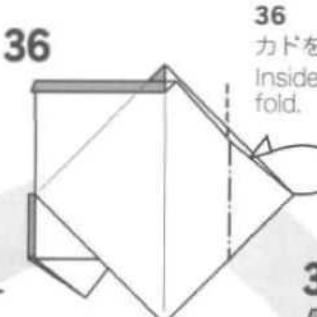
33
中わり折り
Inside reverse fold.



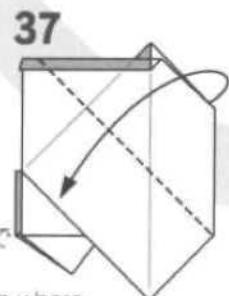
34
開くところで反対側に折る
Swivel to the left where it opens.



35
カドを折り筋に合わせて折り筋をつける
Fold the right corner to the center line.



36
カドを内側に折る
Inside reverse fold.



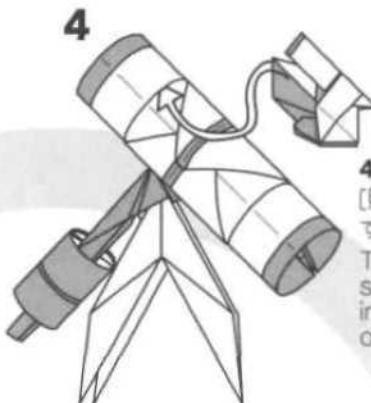
37
開くところで斜めに折る
Swivel down where it opens.

3 宇宙／天体望遠鏡



3

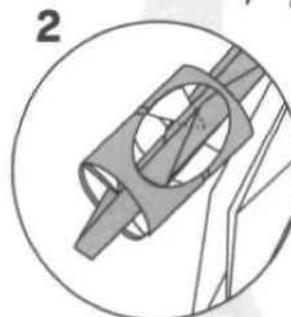
[本体]のすき間に
[三脚]を差し込む
Insert the top of the tripod into the middle pocket of the body.



4

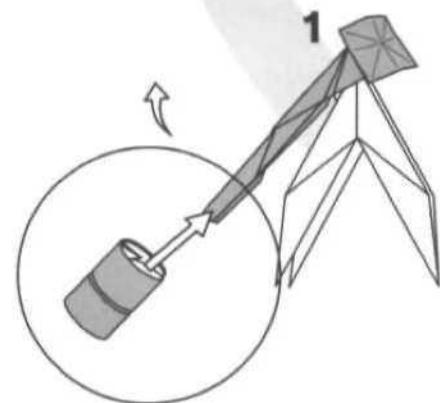
[照準器]を[本体]の
すき間に差し込む
The sighting device
should be inserted
into the upper pocket
of the body.

5



2

おもりの内部のカドを
取っ手のかぶせ折りの部分に
引っかける感じにする
Hook the inner corner
of the weight to the outer
corner of the handle made
by the outside reverse fold.



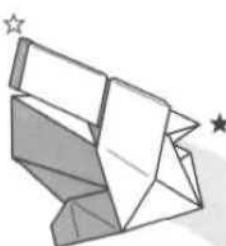
1

[組み立て方] Assembly

1

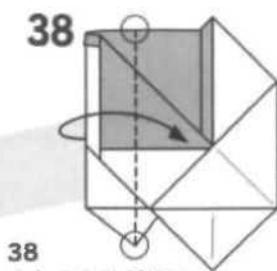
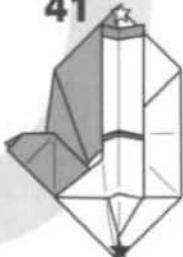
[おもり]を
[三脚]の取っ手の
部分に差し込む
Insert the handle of the
tripod into the weight.

42



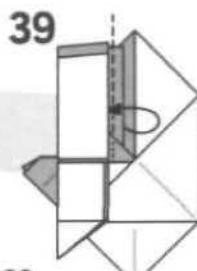
[照準器]の
できあがり
[Sighting Device]
Completed

41



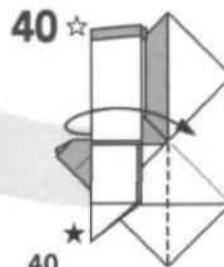
38

○と○を結ぶ線で
縁を反対側に折る
Fold vertically along the
line starting from the
bottom corner.



39

下の縁を38で折った縁に
揃えて内側に折り込む
Tuck the lower edge inside.



40

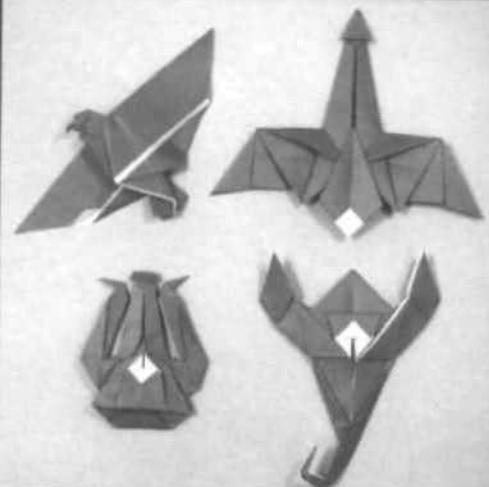
縁を起こして立体にする
Swivel up the edge and
make it three-dimensional.

わし座・はくちょう座 こと座・さそり座

Aquila, Cygnus, Lyra, Scorpius

動物としての“それ”でなく、それぞれ星座の“それ”でなくては!との創作コンセプトから各星座の主星を表現しておくアイデアに至りました。このアイデアは他の星座へも応用できますが、夏の星座に絞ったこのあたりでとどめておきます。

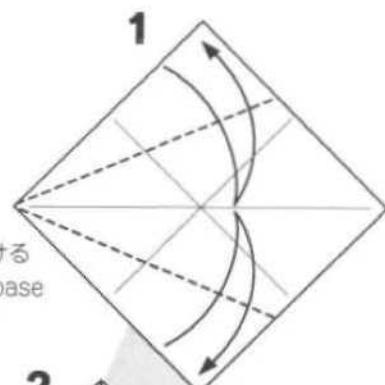
As they all are constellations, not the creatures, the prominent stars are marked in the models. You go ahead and make other constellations.



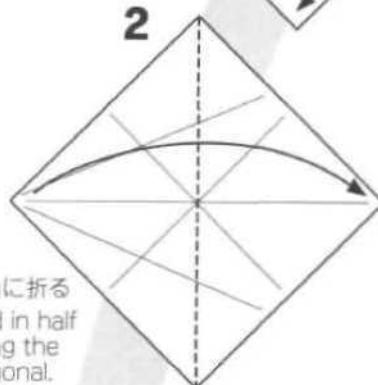
Created 1989 | Paper 不切正方一枚折り: 1 piece

[わし座] Aquila

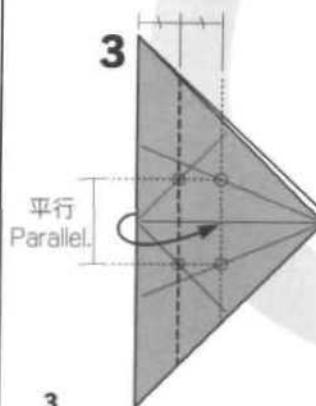
1 線を中心
に合わせて
折り筋をつける
Fold a kite base
and unfold.



2 三角に折る
Fold in half
along the
diagonal.



3 ○と○が平行になる位置で
縁を上に折る
Fold where the intersections
can be aligned in parallel.

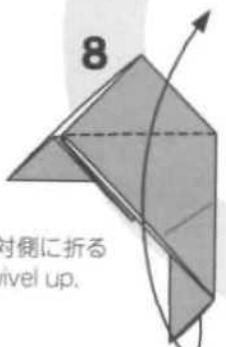


3 ○と○が平行になる位置で
縁を上に折る
Fold where the intersections
can be aligned in parallel.

9 内側をひろげて
つぶすように折る
Open and squash.

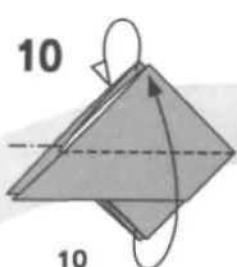


8 反対側に折る
Swivel up.

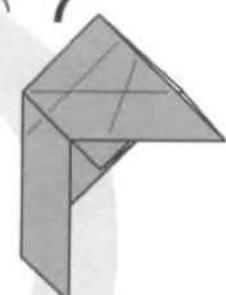


10

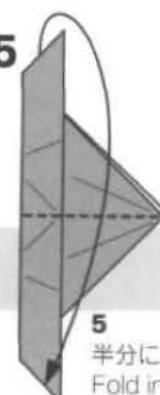
それぞれカドを
反対側に折る
Swivel up in front
and swivel down
on the back.



7



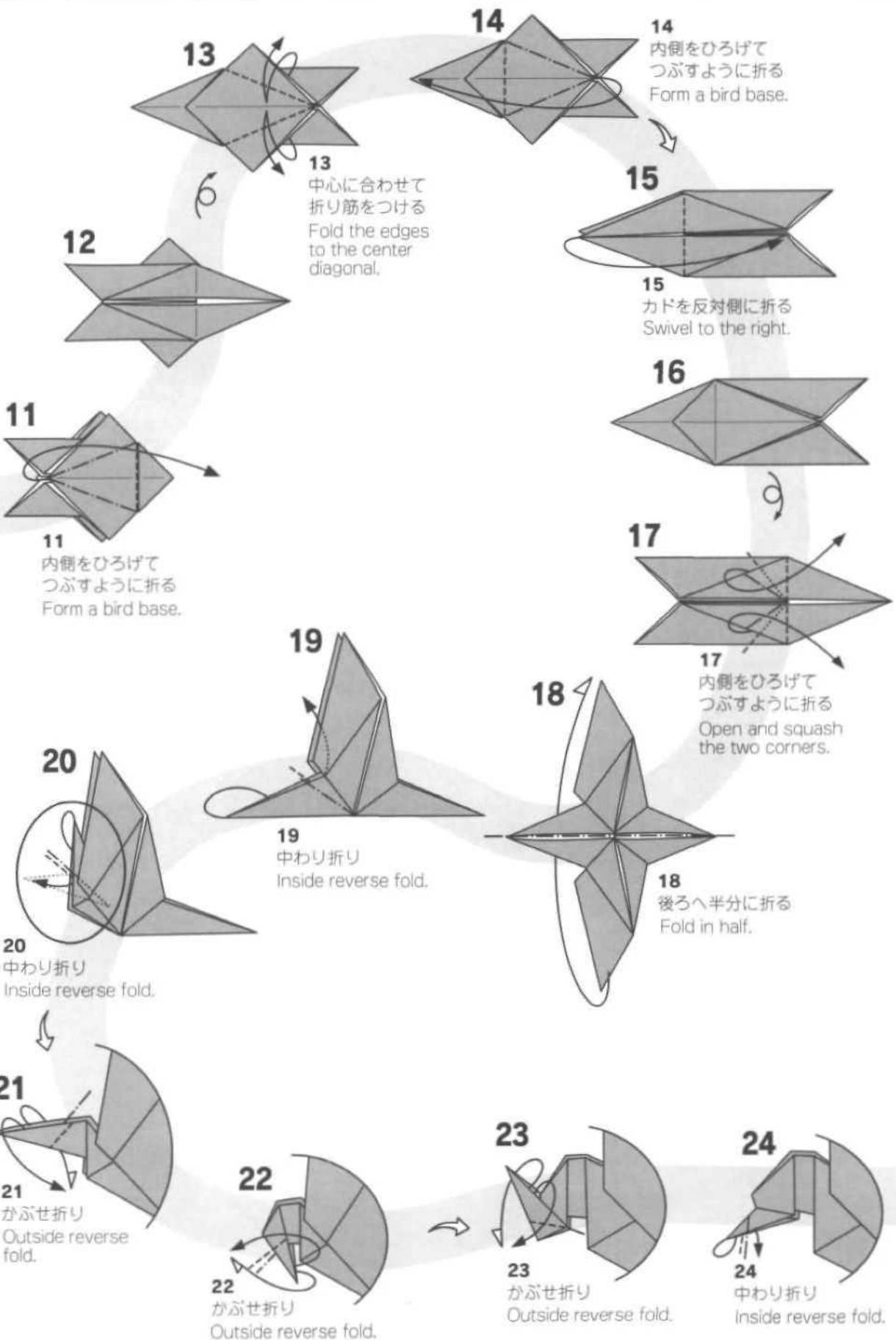
5 半分に折る
Fold in half.



6 内側をひろげて
つぶすように折る
Open and squash.



3 宇宙／わし座・はくちょう座・こと座・さそり座



[はくちょう座]

Cygnus

1

三角に折る
Diagonal fold.

5

内側をひろげて
つぶすように折る
Open and
squash.

2

上の1枚だけ
縁と縁を合わせて
折り筋をつける
Fold edge to edge.

2

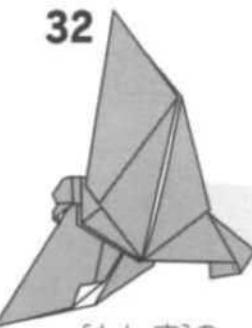
3

カドをつまむように折る
A rabbit-ear.

4

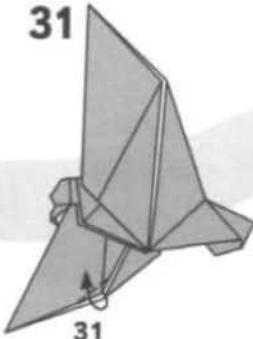
カドを反対側に折る
Swivel to the right.

32



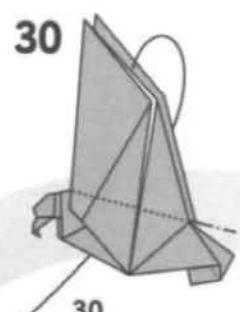
[わし座]の
できあがり
[Aquila] Completed

31



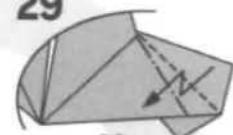
カドを少し折る
Fold the tip a little.

30



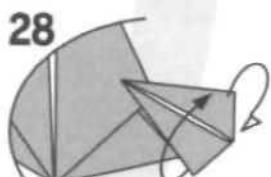
下のカドを後ろへ
斜めに折る
Fold the back
wing down.

29



斜めに段折り
Form a pleat.

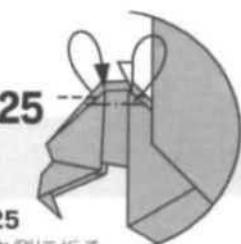
28



28

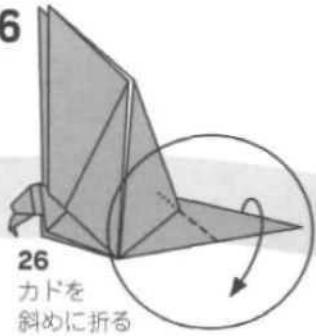
それぞれカドを
反対側に折る
Swivel up and
down.

25



内側に折る
Tuck the corners inside.

26



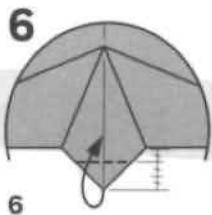
カドを
斜めに折る
Fold down.

27

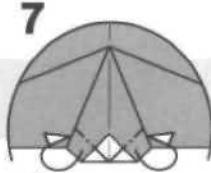


内側をひろげて
つぶすように折る
Open and squash.

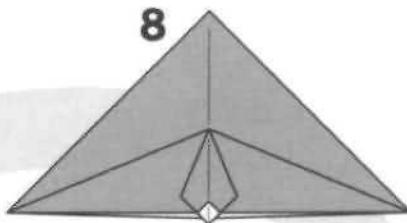
3 宇宙／わし座・はくちょう座・こと座・さそり座



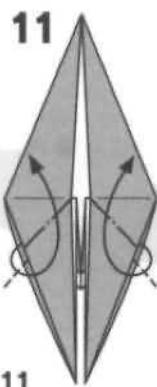
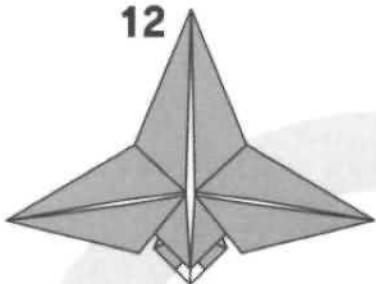
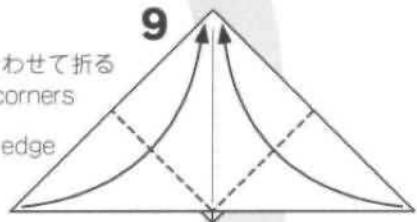
6
2/3のところで折る
Fold up at the two thirds of the triangle protruding at the bottom.



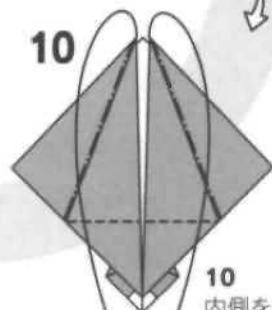
7
縁と縁を合わせて後ろへ折る
Mountain fold edge to edge.



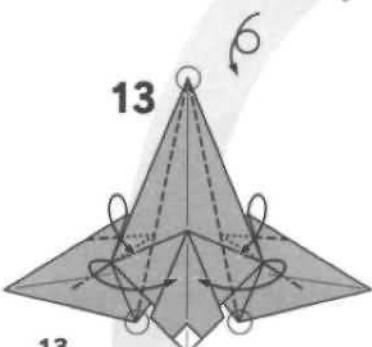
8
9
カドとカドを合わせて折る
Fold the side corners to the top.
Mountain fold edge to edge.



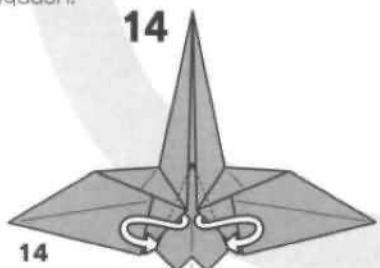
11
内側をひろげてつぶすように折る
Open and squash.



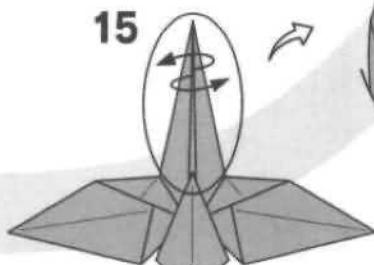
10
内側をひろげてつぶすように折る
Fold like a bird base.



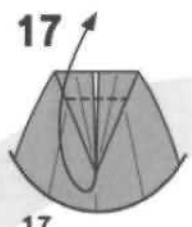
13
カドとカドを結ぶ線で折って内側をひろげてつぶすように折る
Narrow down along the line connecting the corners and squash.



14
カドを下のすき間に差し込む
Tuck the corners inside.

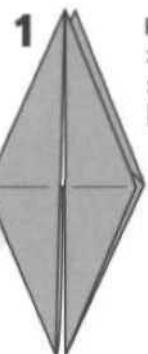


15
内側をひろげる
Open the top corner.

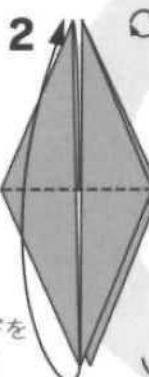


16
17
カドを上に折る
Fold up.
カドを下に折る
Fold down.

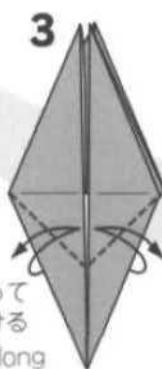
[こと座] Lyra



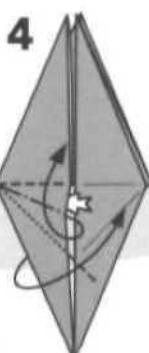
P. 8 [鶴の基本形]
からはじめる
Start with
[Bird Base] (P. 8)



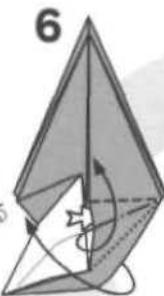
2
下のカドを
1枚だけ
上に折る
Swivel up.



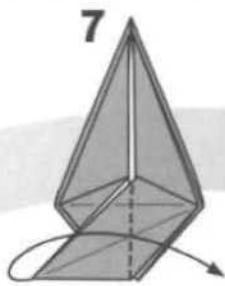
3
下の縁に沿って
折り筋をつける
Precrease along
the edges.



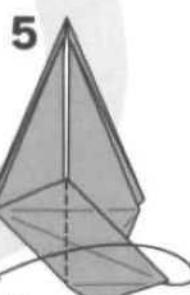
4
内側をひろげて
つぶすように折る
Open and squash.



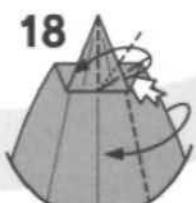
6
内側をひろげて
つぶすように折る
Open and
squash.



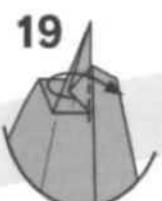
7
反対側へ折る
Swivel to the right.



5
反対側へ折る
Swivel to the left.



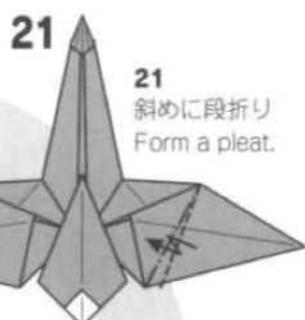
18
縁と縁を合わせて
内側をひろげて
つぶすように折る
Open and squash.



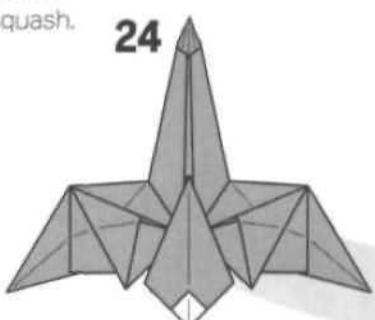
19
カドを反対側に折る
Swivel to the right.



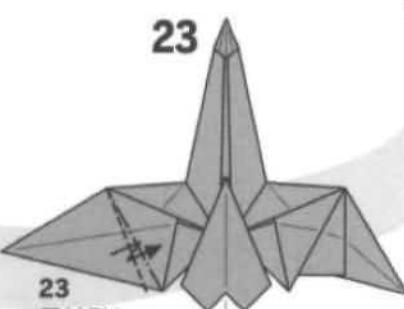
20
反対側も18~19と同じ
Repeat 18~19 on
the left.



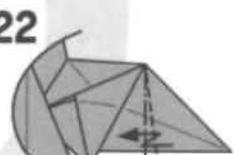
21
斜めに段折り
Form a pleat.



[はくちょう座]のできあがり
[Cygnus] Completed

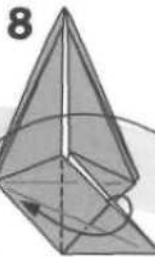


23
反対側も
21~22と同じ
Repeat 21~22 on the left.

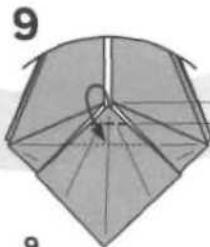


22
斜めに段折り
Form another
pleat.

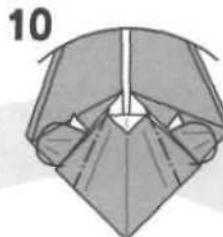
3 宇宙／わし座・はくちょう座・こと座・さそり座



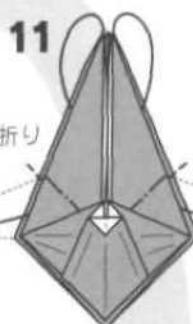
8
内側をひろげて
つぶすように折る
Open and squash.



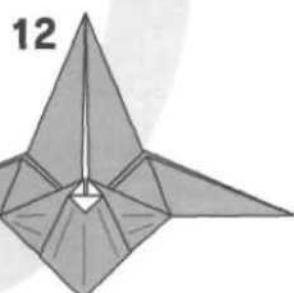
9
カドを少し折る
Fold down the tip.



10
折り筋に平行に
カドを後ろへ折る
Mountain fold the corners
along the lines parallel with
the existing crease lines.



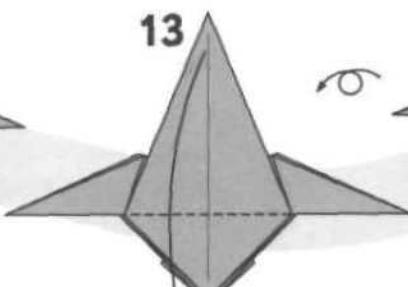
11
それぞれ中わり折り
Inside reverse
folds.



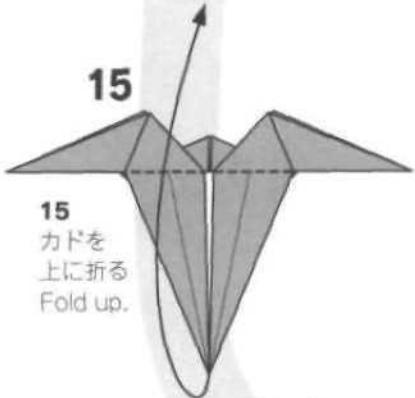
12

14

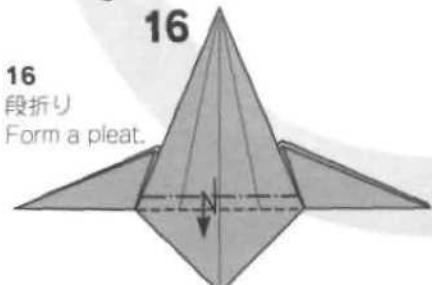
14
縁を中心には
合わせて
折り筋をつける
Fold to the
center and unfold.



カドを下に折る
Fold down.

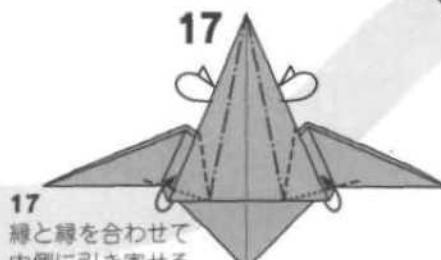
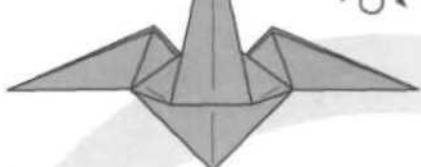


15
カドを
上に折る
Fold up.

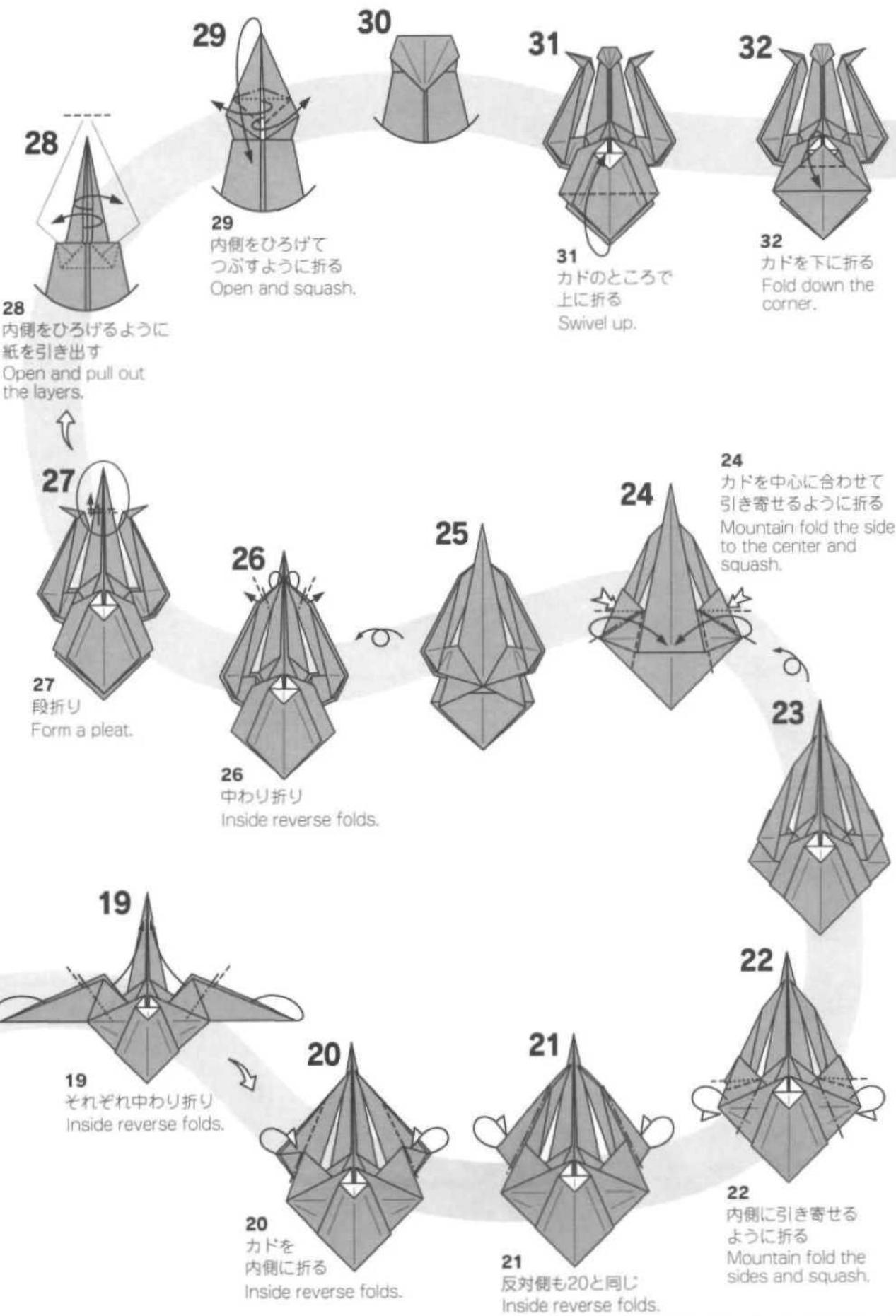


16
段折り
Form a pleat.

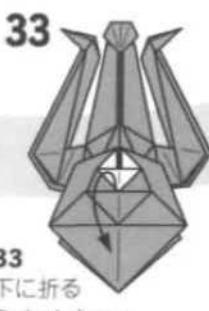
18



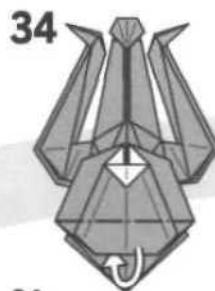
17
縁と縁を合わせて
内側に引き寄せる
ように折る
Mountain fold and slide the
layers on the sides.



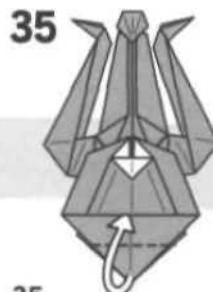
3 宇宙／わし座・はくちょう座・こと座・さそり座



33
下に折る
Swivel down.



34
下のすき間に折り込む
Tuck inside the bottom corner of the top layer.



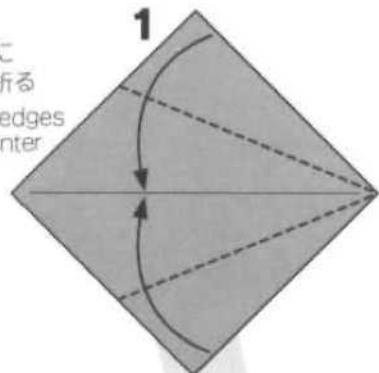
35
カドをすき間に差し込む
Tuck the bottom corner inside.



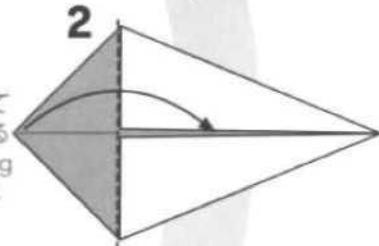
[こと座]のできあがり
[Lyra] Completed

[さそり座] Scorpius

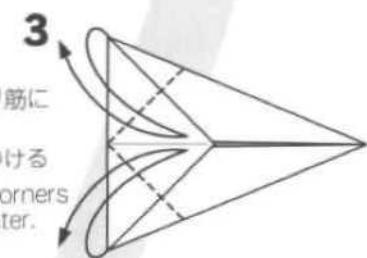
1
縁を中心に
合わせて折る
Fold the edges
to the center
line.



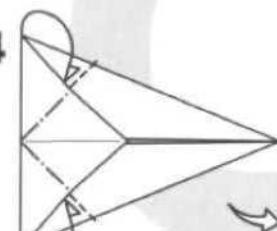
2
縁に沿って
カドを折る
Fold along
the edge.



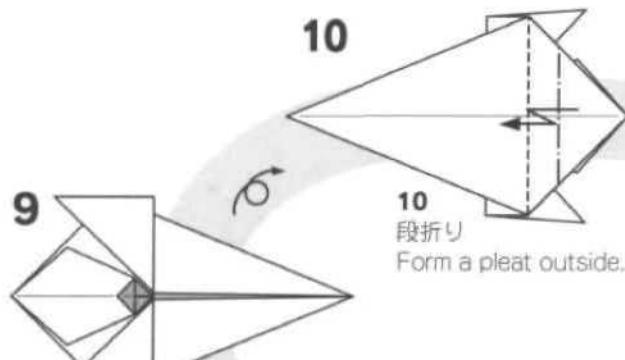
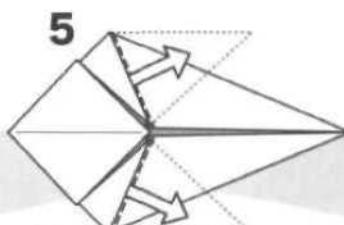
3
カドを折り筋に
合わせて
折り筋をつける
Fold the corners
to the center.



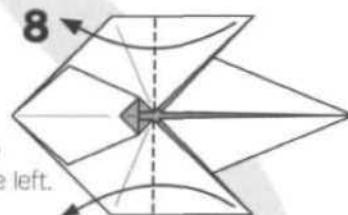
4
カドを内側に折る
Inside reverse folds.



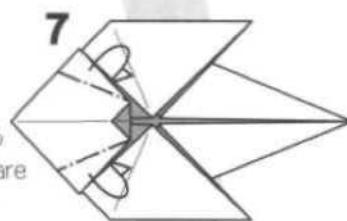
5
内側の部分を引き出す
Pull out the layers



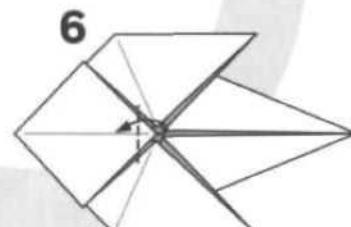
8
カドを
反対側に折る
Swivel to the left.

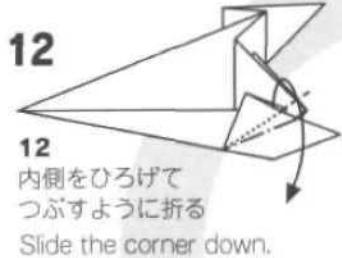


7
カドを後ろに折る
Narrow the square
of the top layer.



6
カドを少し折る
Valley fold the tip
of the corner.

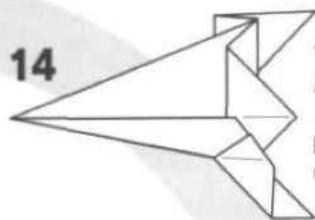


**12**

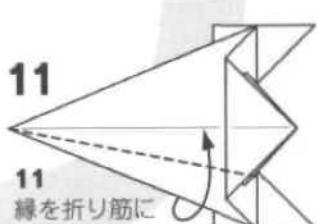
内側をひろげて
つぶすように折る
Slide the corner down.

**13**

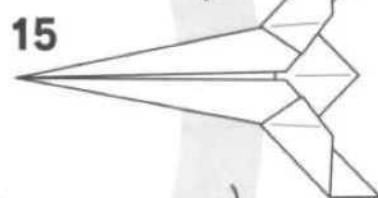
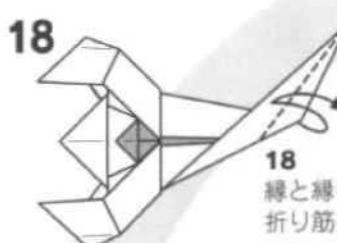
カドを後ろに折る
Mountain fold the corner.

**14**

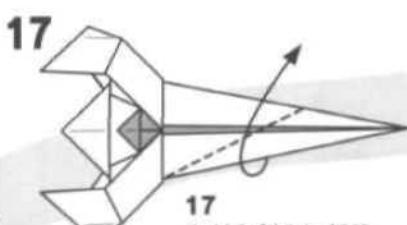
反対側も
11~13と同じ
Repeat 11~13
on the top.

**11**

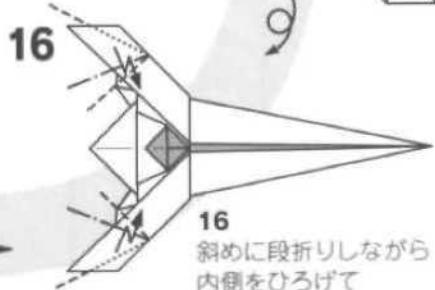
縁を折り筋に
合わせて折る
Fold the edge to
the center line.

**15****18**

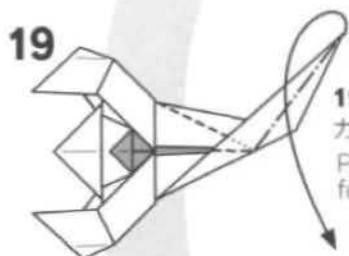
縁と縁を合わせて
折り筋をつける
Precrease edge
to edge.

**17**

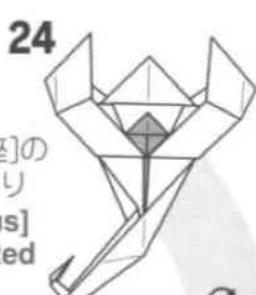
カドを斜めに折る
Fold the tail up.

**16**

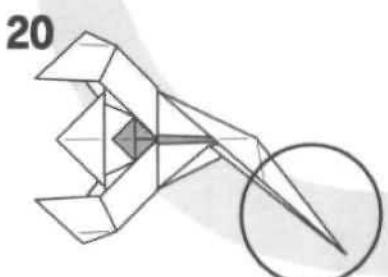
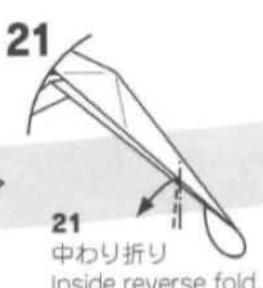
斜めに段折りしながら
内側をひろげて
つぶすように折る
Form pleats and
squash.

**19**

カドをつまむように折る
Pinch the corner and
fold down.

**24**

[さそり座]の
できあがり
[Scorpius]
Completed

**20****21**

中わり折り
Inside reverse fold.

**22**

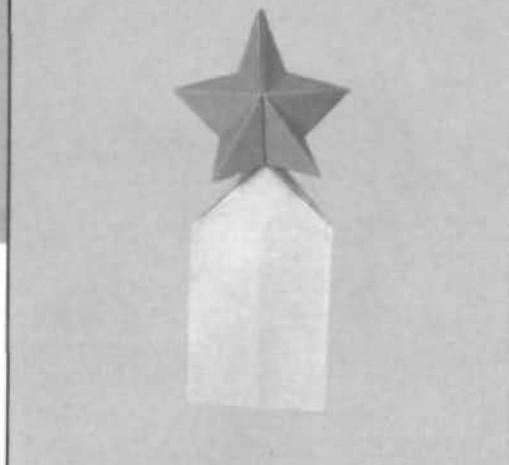
かぶせ折り
Outside reverse fold.

星の短冊

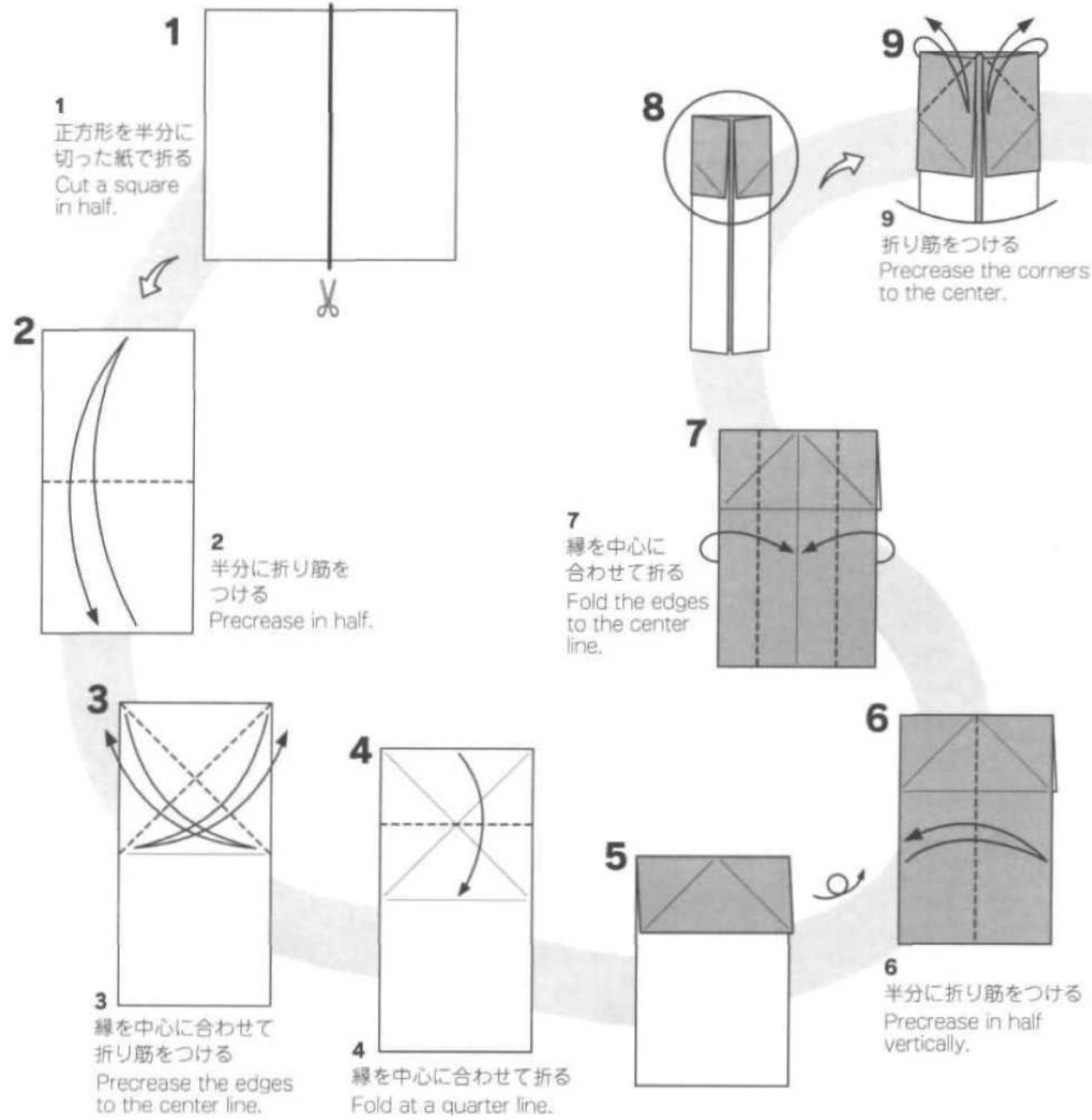
A Strip of Paper with a Star

前川淳さんの1:2の長方形で作るエレガントな“星”へのオマージュです。短冊にすることで実用性(?)を付加してみました。実際、家族にはすこぶる好評で毎年七夕近くになると何十個も折ることになります。

This is an hommage to Maekawa's Star. It is very convenient as the decoration for the Star Festival (July 7th) season.

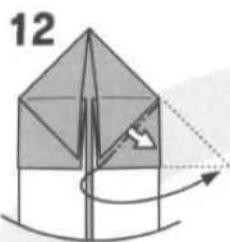


Created 1995 | Paper 不切長方一枚折り: 1 piece

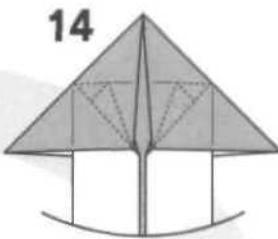


12

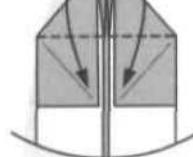
カドをつまむように
引き出す
反対側も同じ
Pull out the hidden corner.
Repeat on the right.

**13****13**

内側のカドを縁と縁を
合わせるように内側に折る
反対側も同じ
Fold the inner corner to the edge.
Repeat on the right.

14**11**

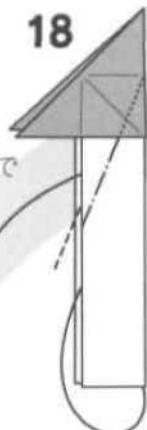
カドを下に折る
Swivel down.

**10**

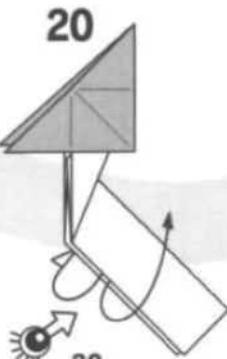
カドを内側に折る
Inside reverse folds.

18

ついている折り筋で
中わり折り
Inside reverse fold along the crease line.

**19**

線に沿って中わり折り
Inside reverse fold along the edge.

20

軽くひろげる
Open lightly.

17

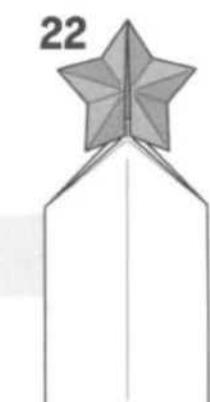
戻す
Unfold.

**16**

縁をカドに合わせて折る
Fold the right edge to the intersection of the layers.

16**21**

星の部分をひろげて
形を整える
Open and shape
the star.

22

できあがり
Model Completed

4 面/ピエロ (フリルバージョン/帽子バージョン)

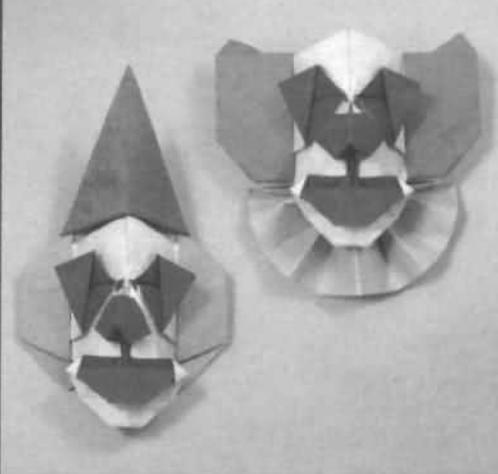
ピエロ

(フリルバージョン/帽子バージョン)

Clown (A Frilled Version / A Hatted Version)

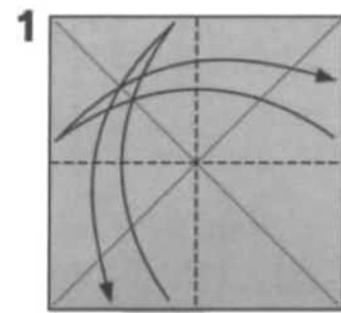
私の創作折り紙との最初の出会いは、河合豊彰先生の「おりがみ」(カラー ブックスシリーズ 保育社)です。折り紙で面を作ることの大切さを河合先生の作品群から教わったのだと思います。いろんな形から顔を“見立てる”姿勢がトラや本作を生む出発点になっています。

I first came across with the original origami models through Toyoaki Kawai's *Origami*. Kawai taught me the importance of origami masks and initial diagnosing of the target through his works.

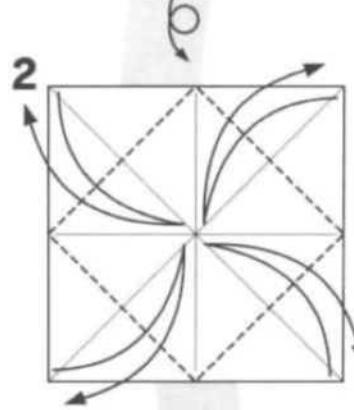


Created 1984 Paper 複合作品・各2枚 : 2 pieces

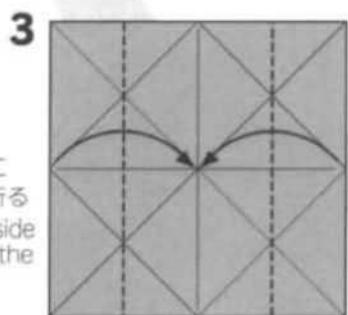
【顔】 Face (Common Item)



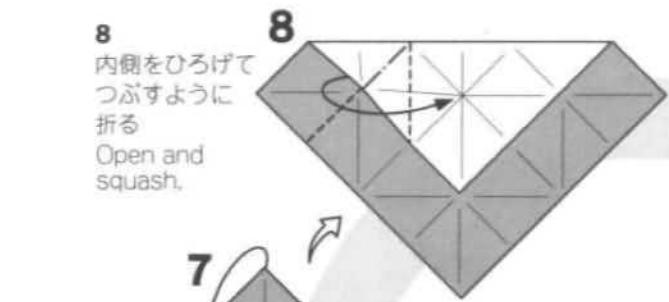
1 縦横半分に
折り筋をつける
Fold in halves.



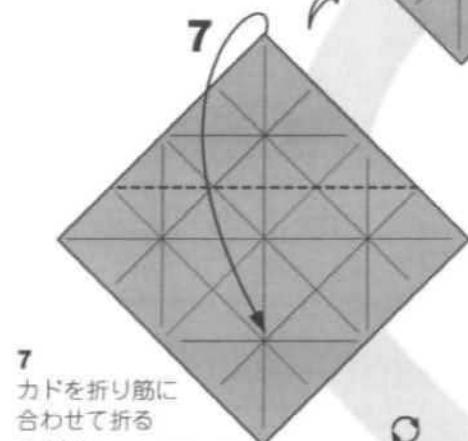
2 カドを中心
に合わせて
折り筋をつける
Precrease the
corners to the
center.



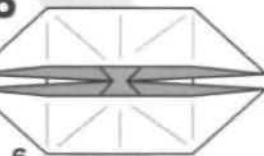
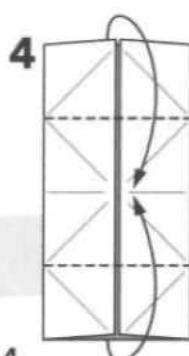
3 縁を中心に
合わせて折る
Fold the side
edges to the
center.



8 内側をひろげて
つぶすように
折る
Open and
squash.

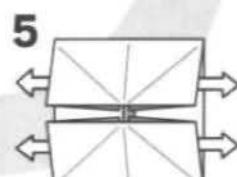


7 カドを折り筋に
合わせて折る
Fold the top corner
to the first crease line
from the bottom.

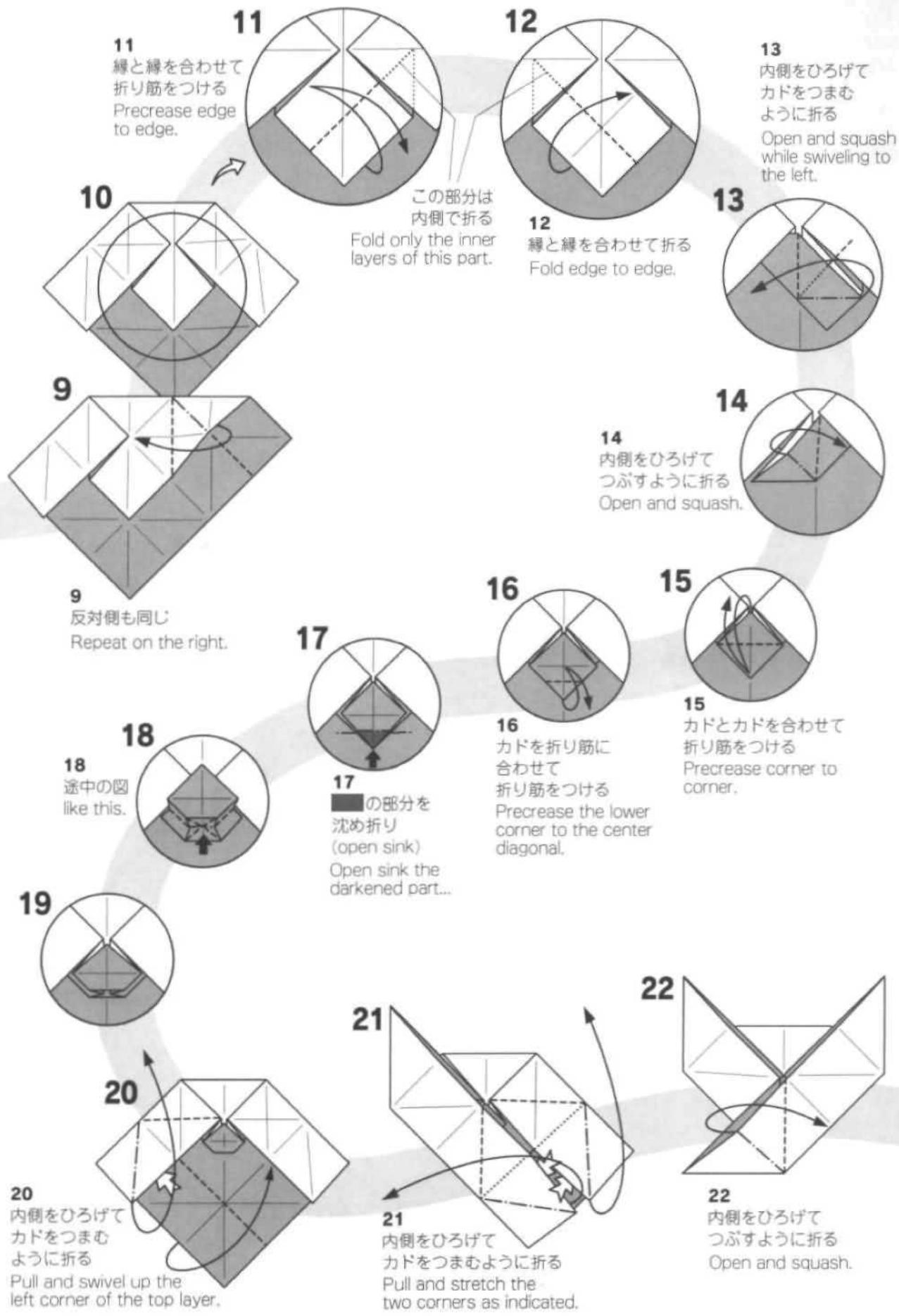


6 全部ひろげる
Unfold everything.

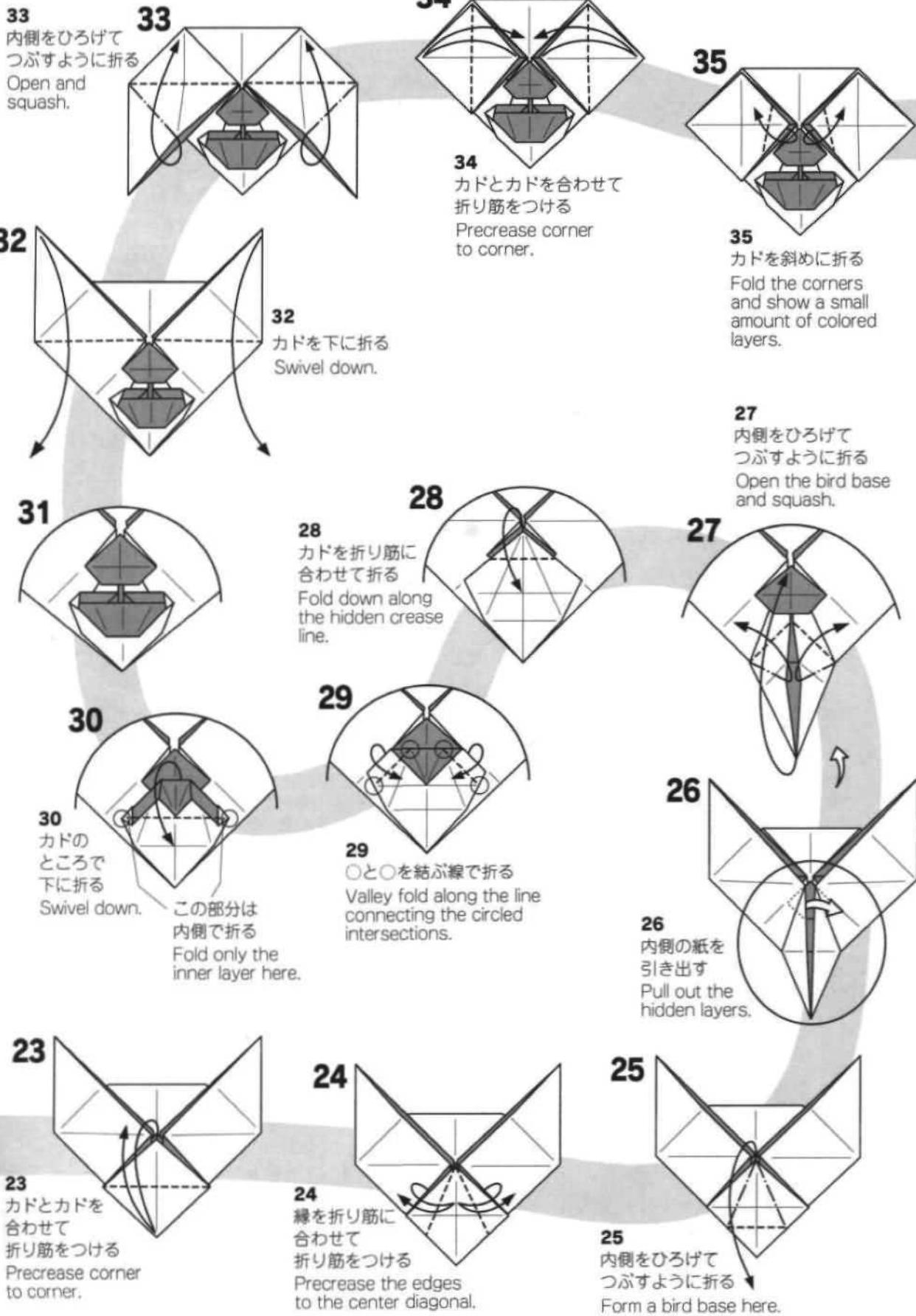
4 縁を中心に合わせて折る
Fold the horizontal edges
to the center.

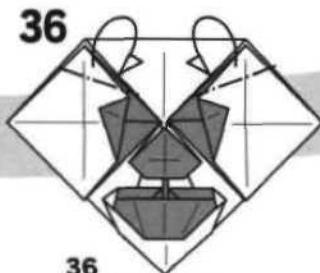


5 カドを引き出して
つまむように折る
Pull out the corners.

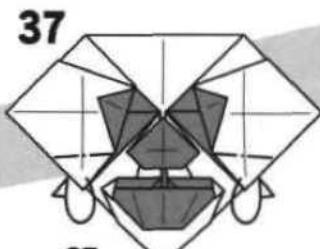


4 面／ピエロ（フリルバージョン・帽子バージョン）

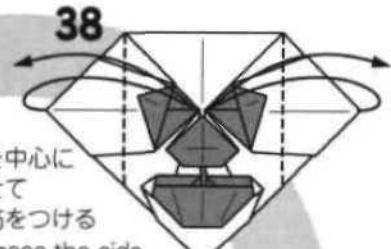




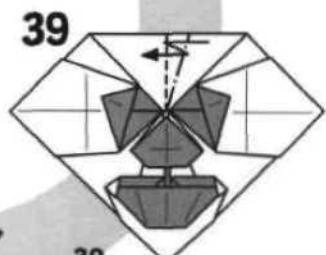
36
カドを後ろへ折る
Mountain fold the top corner.



37
カドを後ろへ折る
Mountain fold the lower corner.



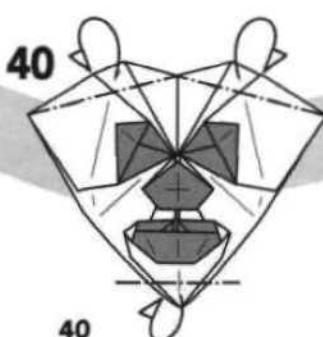
38
カドを中心にはわせて折り筋をつける
Precrcrease the side corners to the center.



39
斜めに段折りして顔の部分が立体になるようする
Form a pleat and make the face three-dimensional.



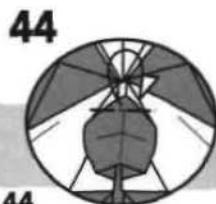
42
内側をひろげて矢印の部分をかるく押しつぶす
Insert a finger into the opening on the top of the nose and squash the bottom of it.



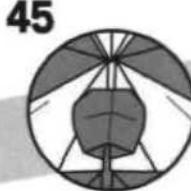
40
それぞれカドを後ろへ折る
Mountain fold the three corners.



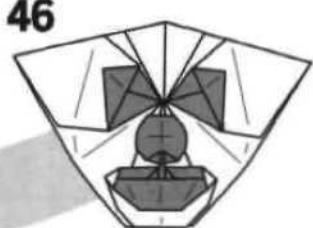
43
鼻に丸みが出来るように形を整える
Shape the nose.



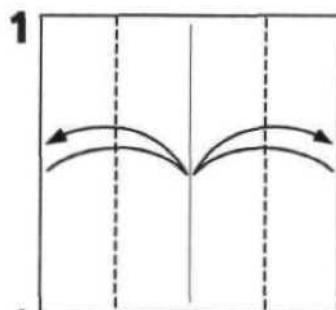
44
カドを少し後ろへ折る
Mountain fold the top corner of the nose.



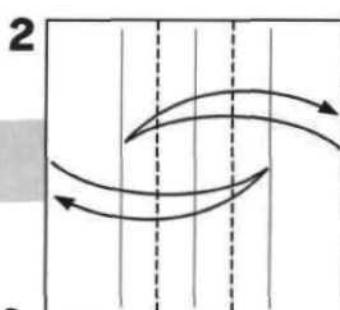
[顔]のできあがり
[Face] Completed



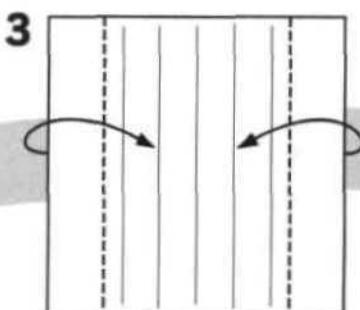
[フリルバージョン] A Frilled Version



1
中心に合わせて折り筋をつける
Prcrcrease the side edges to the center.

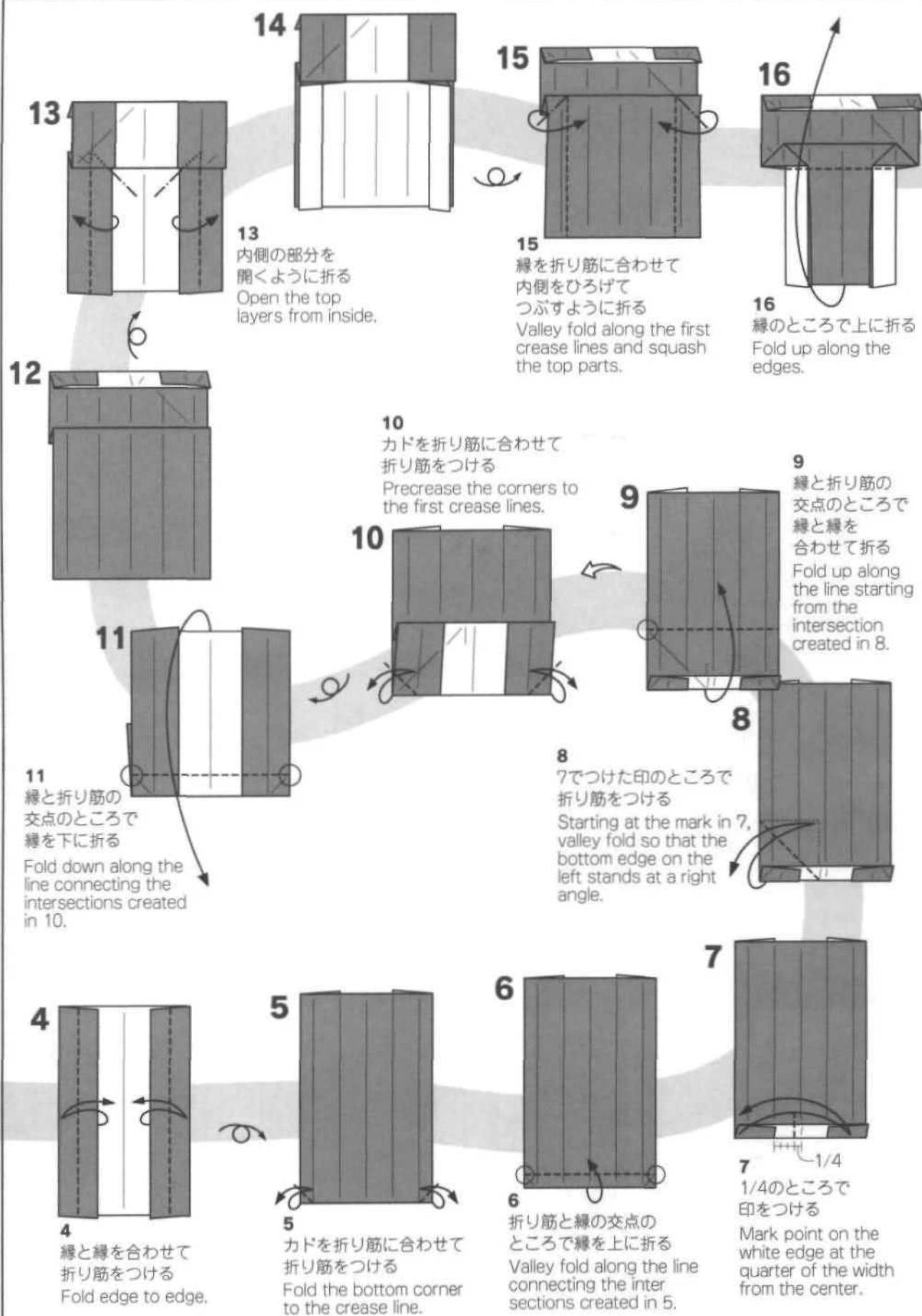


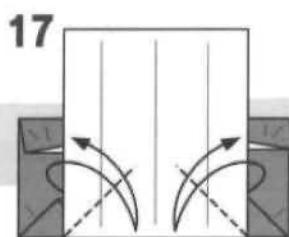
2
つけた折り筋に合わせて折り筋をつける
Prcrcrease the side edges to the crease lines in 1 on the far sides.



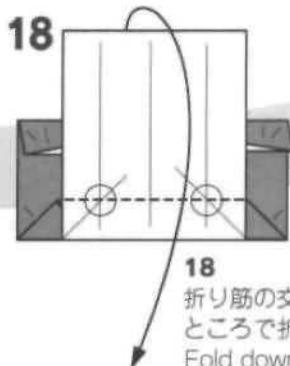
3
つけた折り筋に合わせて折る
Fold the side edges to the crease lines in 2 on the near sides.

4 面/ピエロ (フリルバージョン・帽子バージョン)

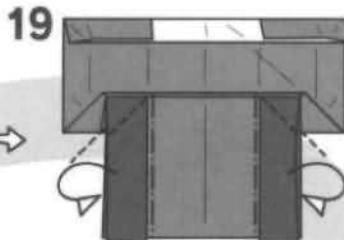




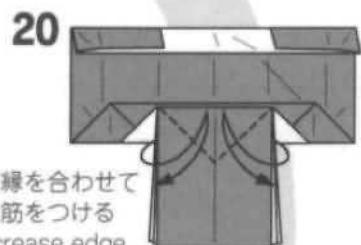
17
縁と線を合わせて
折り筋をつける
Precranging along the angle bisectors.



18
折り筋の交点の
ところで折る
Fold down along the
line connecting the
intersections
created in 17.

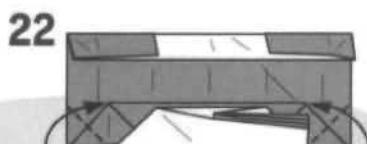
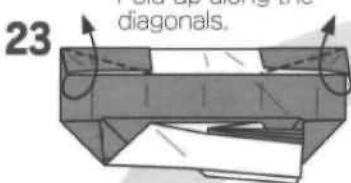


19
■の部分を
後ろへ折る
Mountain fold the
darkened parts.

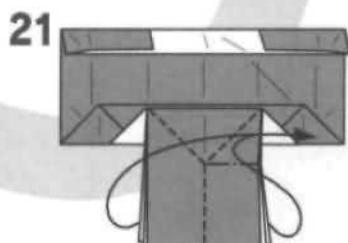


20
縁と線を合わせて
折り筋をつける
Precranging edge
to edge.

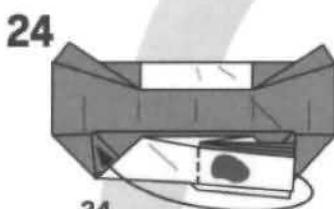
23
カドを結ぶ線で
上に折る
Fold up along the
diagonals.



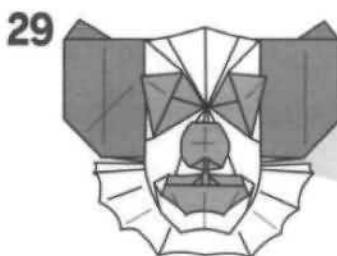
22
カドとカドを合わせて折る
Valley fold the corners
to the first crease line.



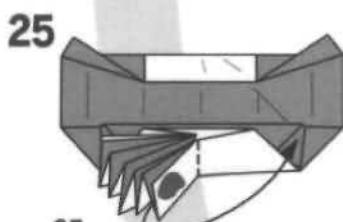
21
つけた折り筋を
使って折りたたむ
Form a rabbit-ear.



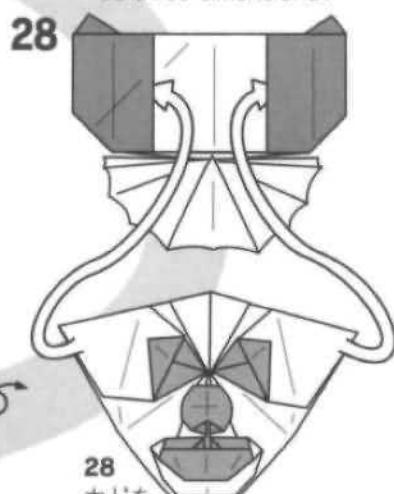
24
■の部分でのり付け
Glue the darkened
part to the left.



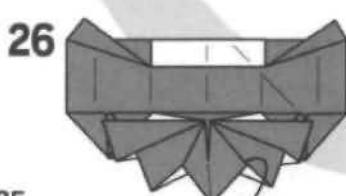
[フリルバージョン]
のできあがり
[A Frilled Version]
Completed



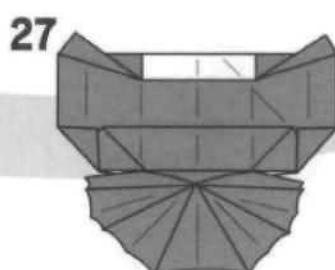
25
反対側も同じようにのり付け
Repeat on the right.



28
カドを
すき間に差し込む
Insert the corners
into the pockets.



25
襟の部分をひろげる
Open and shape the frill.

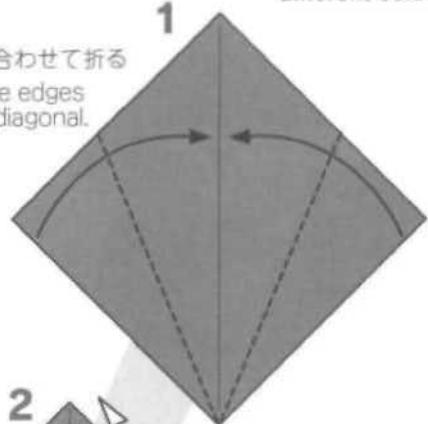


4 面/ピエロ (フリルバージョン・帽子バージョン)

[帽子バージョン] A Hatted Version

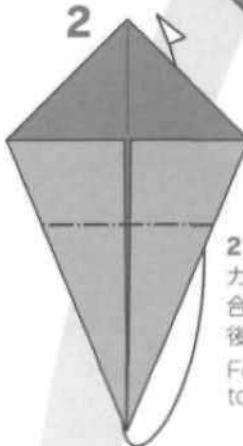
※両面の折り紙用紙を使う
Use paper with
different-colored sides.

1 中心に合わせて折る
Fold the edges to the diagonal.



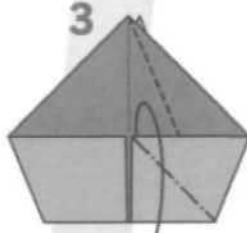
1

2 カドとカドを
合わせて
後ろへ折る
Fold up corner to corner.



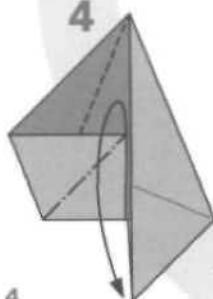
2

3 カドをつまむ
ように折る
Swivel down and squash.

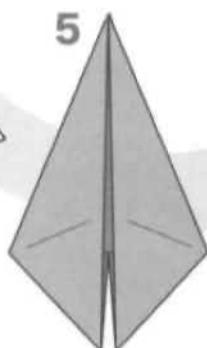


4

4 反対側も同じ
Repeat on the left.



5



3

11

11 持ち上がった部分を
つぶすように折る
Squash the pulled-up parts.



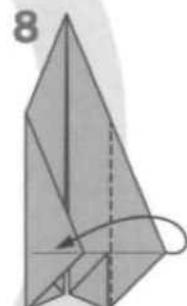
10

10 つけた折り筋を使って
内側をひろげる
Open from the inside along the crease lines.



9

5の形に戻す
Unfold to 5.

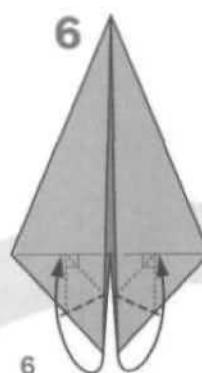


8

8 反対側も同じ
Repeat on the right.

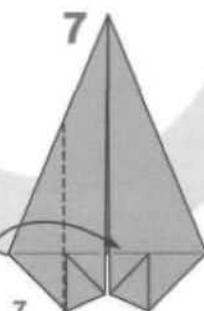
6

6 カドを折り筋に
合わせて上に折る
Fold up the corners to the crease line.



7

7 6で折ったカドの
縁のところで折る
Fold along the edge created in 6.

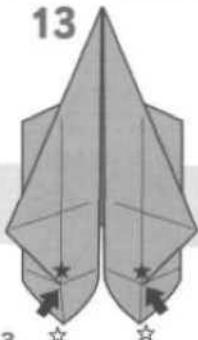


12

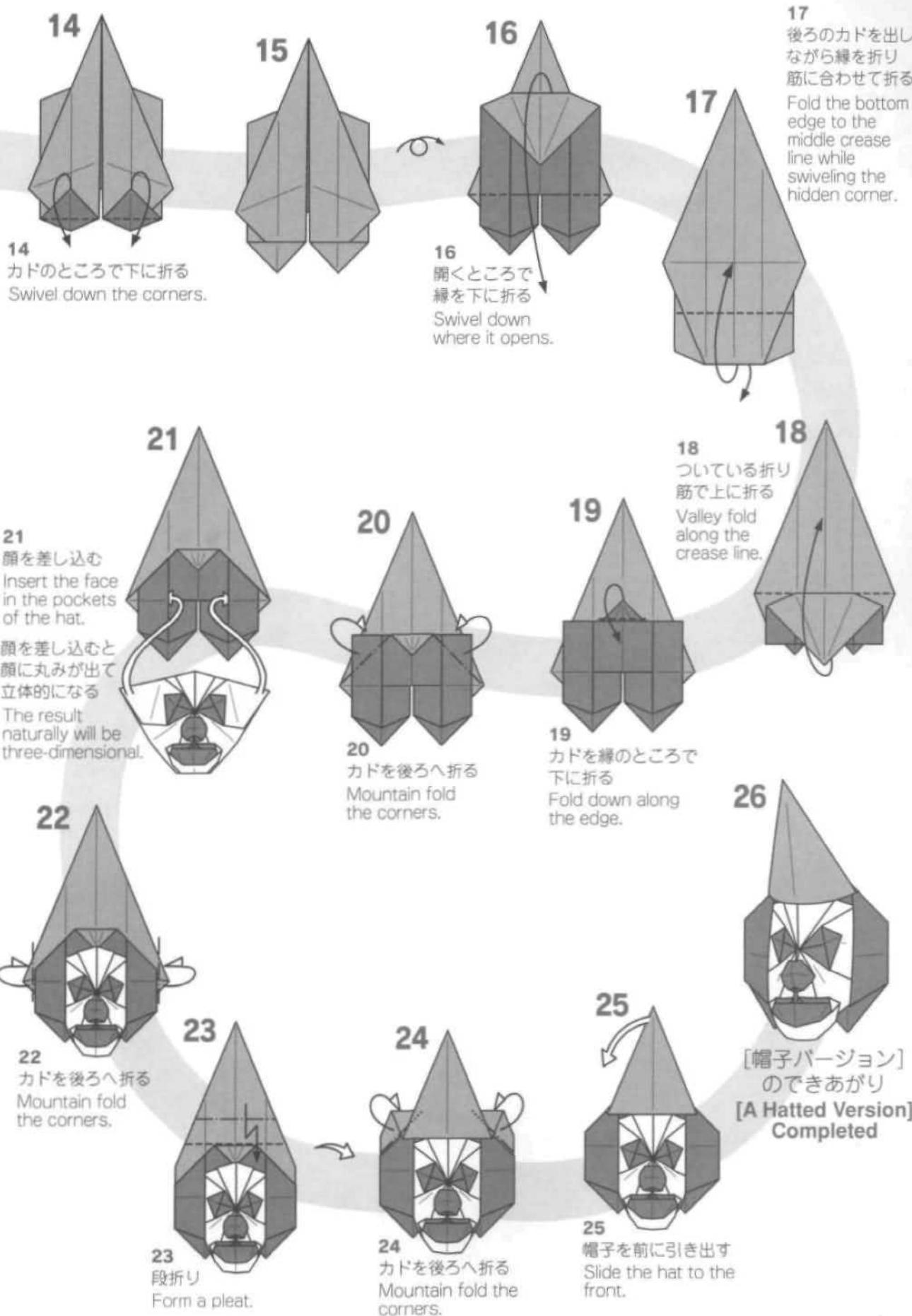


12 ☆のカドを持ち上げる
Pull up the corners with white stars.

13



13 黒矢印の部分を押し
込んで☆のカドを裏返す
Push in the corners with dark stars and
form outside reverse folds on the corners
with white stars.



天 狗

Tengu
(A Japanese Legendary Mountain Goblin)

紙の中央から唇のパターンが自然に出来上がるのが本作のポイントです。次の仮面にも用いた鼻と口のテクニックの原点がこの天狗です。

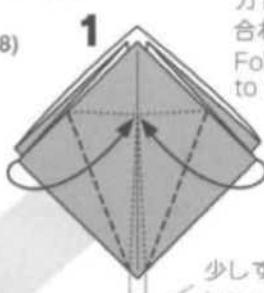
Note the design of jaws and the nose, which are formed out of the central part of the sheet. I got inspired about the methods of folding the upper and lower jaws when I was making this model.



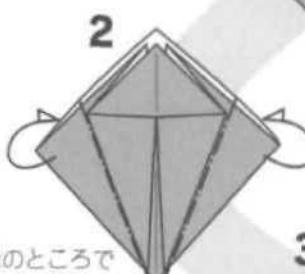
Created 1981 Paper 不切正方一枚折り: 1 piece

P.8 [正方形基本形]からはじめる

Start with
[Preliminary Base] (P. 8)



1 カドを中心
に合わせて折る
Fold the side corners
to the center diagonal.



2 線のところで
後ろに折る
Fold along the edges.



3 内側の紙を引き出す
Pull out the hidden
corners...



4 途中の図
like this.

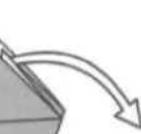


黒矢印の部分を押し込んで

つぶすように折る

Spread sink the arrowed area
around the bottom corner.

少しすき間を開ける
Leave a small amount
intact at the bottom.

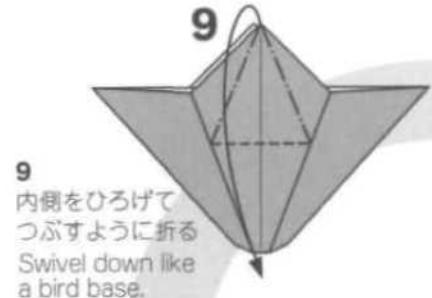


5

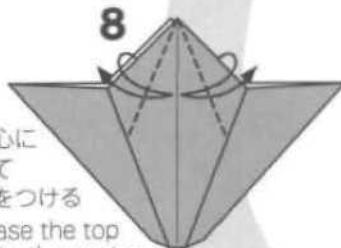
ついている折り筋で折る
Valley fold along the crease lines.

1

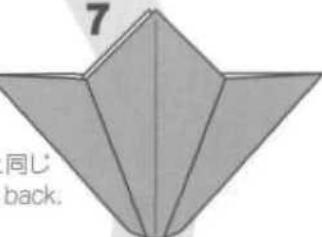
カドを中心
に合わせて折る
Fold the side corners
to the center diagonal.



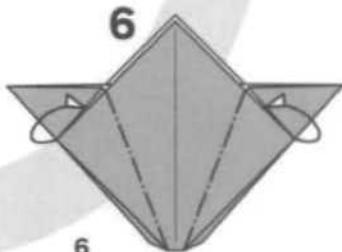
9 内側をひろげて
つぶすように折る
Swivel down like
a bird base.



8 縁を中心に
合わせて
折り筋をつける
Precrease the top
edges to the center
line.



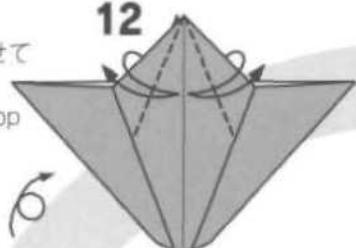
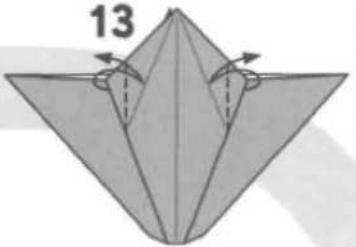
7 反対側も5~6と同じ
Repeat on the back.



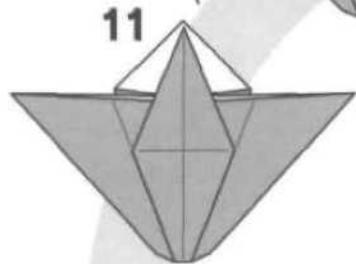
6 カドを内側に折る
Inside reverse folds.

12

縁を中心に行わせて
折り筋をつける
Precrease the top edges to the
center line.

12**13****13**

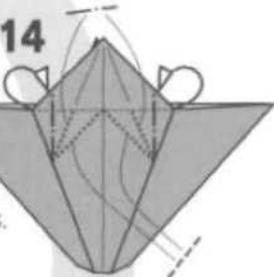
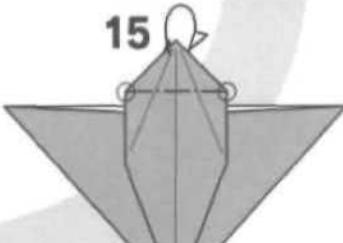
縁を折り筋に合わせて
折り筋をつける
Precrease the edges to the
crease lines in 12.

11**10**

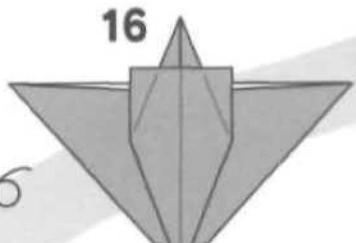
カドを上に折る
Swivel up the corner.

14

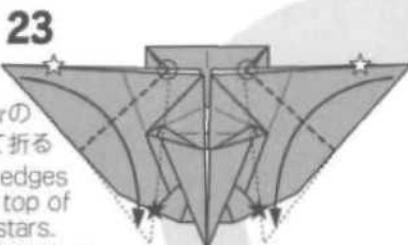
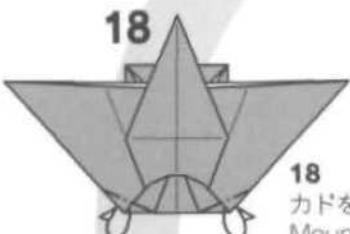
つけた折り筋で
カドを内側に
引き寄せて折る
Narrow the top corner using the
existing crease lines.

14**15****15**

カドを後ろに折る
Mountain fold and
hide the top corner.

16**23**

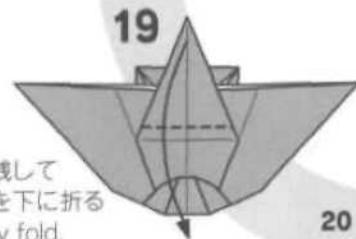
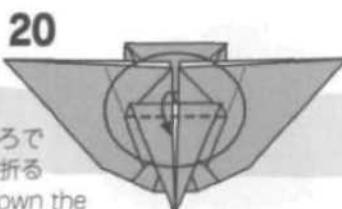
○のところから折って☆の
縁を★のカドに合わせて折る
Fold down and let the edges
with white stars be on top of
the corners with dark stars.
The crease line should start at
the circled intersections.

**18****18**

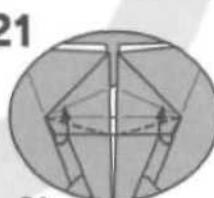
カドを後ろへ折る
Mountain fold
the corners.

22**19**

少し残して
カドを下に折る
Valley fold.
Note that the crease
line here is above the
existing one.

**20****20**

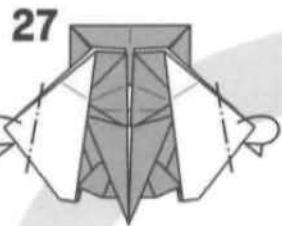
開くところで
縁を下に折る
Swivel down the
overlapping layers.

21**21**

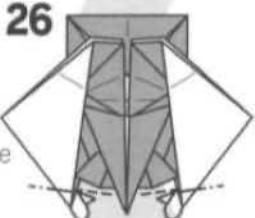
カドを斜めに折る
Fold up along the diagonals.

4 面/天狗

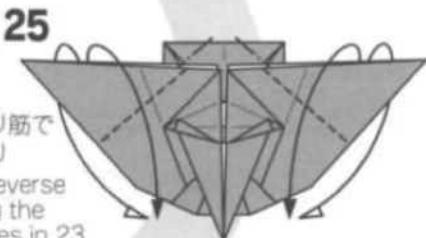
27
カドを後ろへ折る
Mountain fold the side corners.



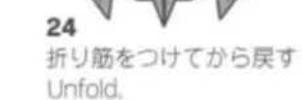
26
カドを内側に
折る
Inside reverse folds.



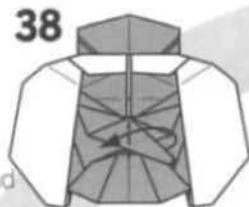
25
つけた折り筋で
かぶせ折り
Outside reverse fold using the crease lines in 23.



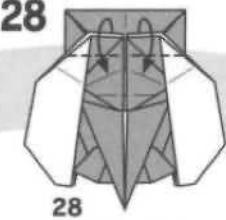
24
折り筋をつけてから戻す
Unfold.



38
鼻を起こす
The nose should stand up.



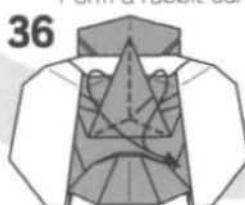
28
縁を下へ折る
Swivel down the layers.



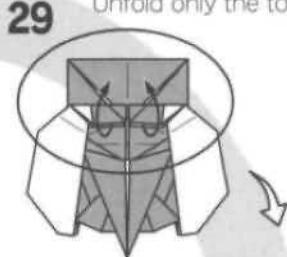
37
カドを内側に折る
Inside reverse fold.



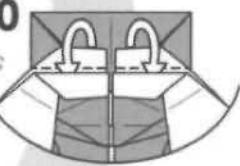
36
カドをつまむ
ように折る
Form a rabbit ear.



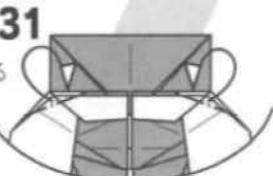
29
折り筋をつけてから
上の1枚だけ戻す
Unfold only the top layer.



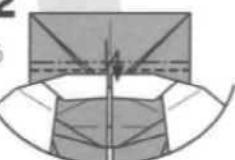
30
すき間に差し込む
Tuck the top layer inside.



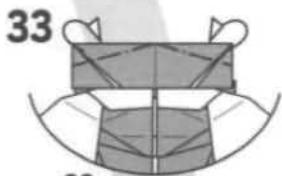
31
カドを後ろへ折る
Mountain fold the corners.



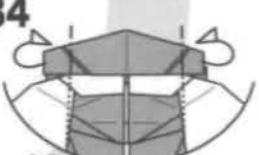
32
下の縁にかぶせる
ように段折り
Pleat outside.



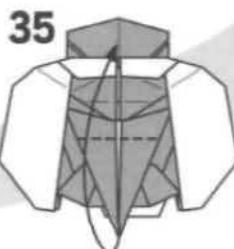
39
できあがり
Model Completed



33
カドを後ろへ折る
Mountain fold the corners.



34
後ろへ折って留める
Mountain fold and lock the cap.



35
カドを上に折る
Swivel up.

仏面

Buddha

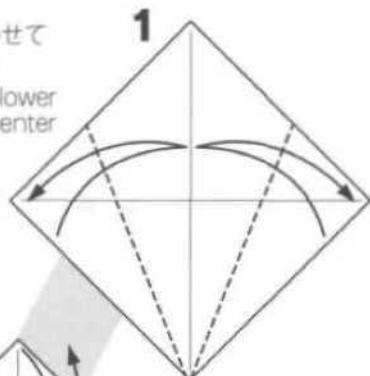
広隆寺の弥勒菩薩像をモチーフにしています。仏面は、ちょっとした折りの違いで印象の異なる表情に仕上がります。図で工程を理解したら、気に入った表情を得るために鼻や頬の分量を工夫してみてください。

This model is based on the Mytraya statue in Koryu-Ji. You can shape the expressions of the mask by changing the size of the nose and the lower jaw.

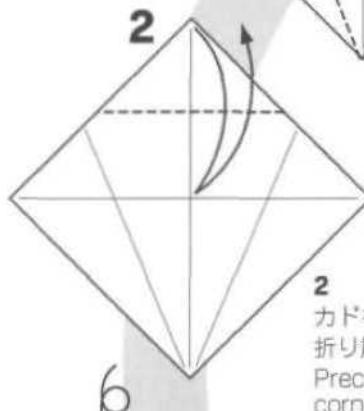


Created 1983 | Paper 不切正方一枚折り: 1 piece

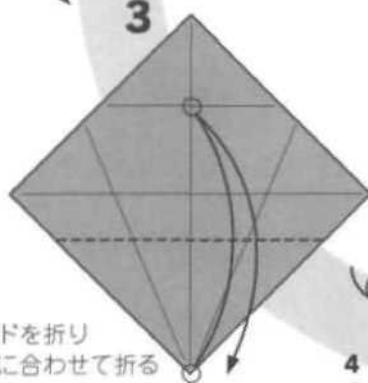
1
縁を中心に合わせて
折り筋をつける
Precrease the lower edges to the center diagonal.



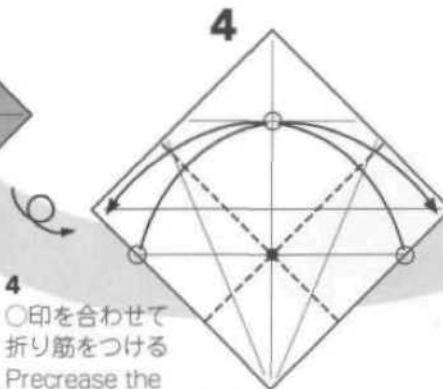
2
カドを中心合わせて
折り筋をつける
Precrease the top corner to the center.



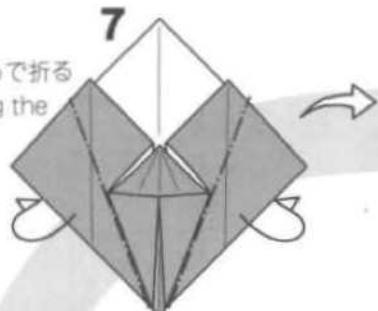
3
カドを折り
筋に合わせて折る
Precrease the bottom corner
to the intersection
created in 2.



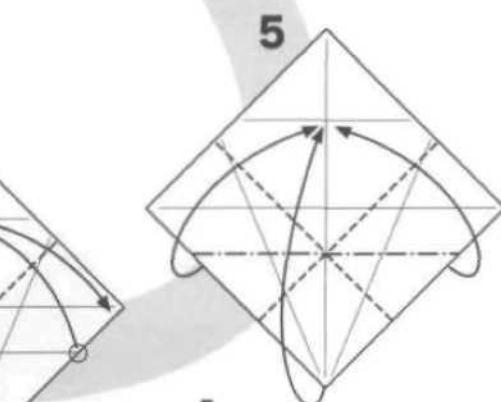
4
○印を合わせて
折り筋をつける
Precrease the
intersections created
in 3 to the intersection
created in 2.



7
縁のところで折る
Fold along the
edges.

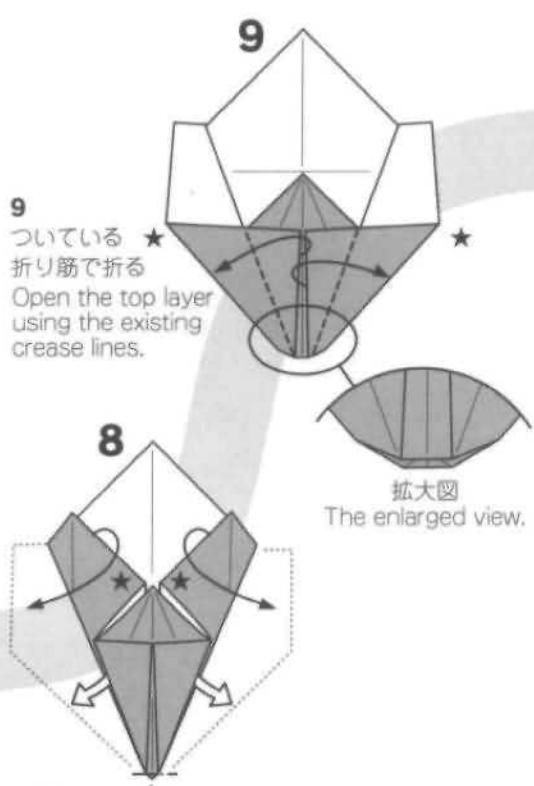


6
ここを少し開けて折る
Fold the side corners
to the center.
Leave the small area
around the bottom corner intact.



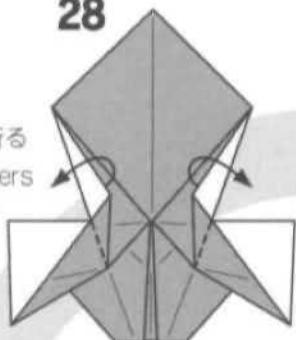
5
ついている折り筋で折りまとめる
Using existing crease lines,
form a kind of deformed
preliminary base.

4 面／仏面



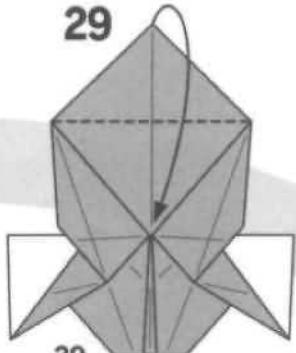
28

開くところで折る
Open the layers on the sides.



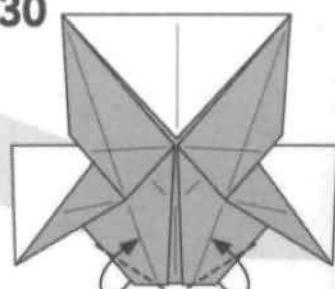
29

カドとカドを結ぶ線で折る
Fold the top corner to the intersection at the center.



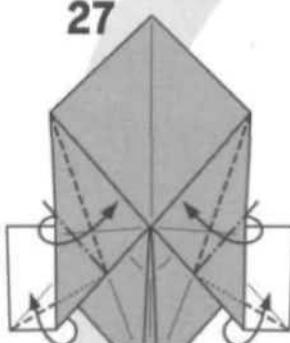
30

縁を折り筋に合わせて折る
Fold the edges to the crease lines.



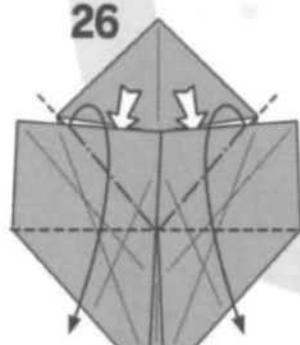
27

カドを細くするようにつまんで引き寄せる
Narrow the upper side corners and slide the pulled-up layers.



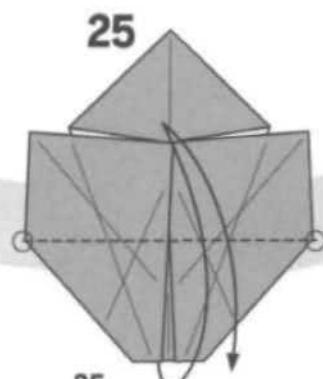
26

内側をひろげてカドをつぶすように折る
Swivel down, open and squash.



25

カドとカドを結ぶ線で折り筋をつける
Precrease along the line connecting the corners.



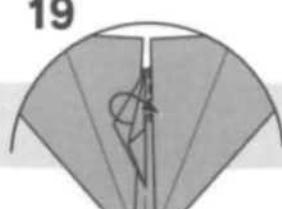
24

23



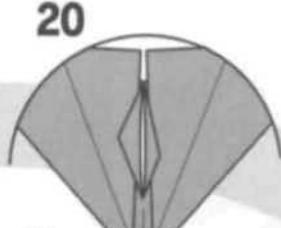
19

カドを反対側に折る
Swivel the corner to the right.



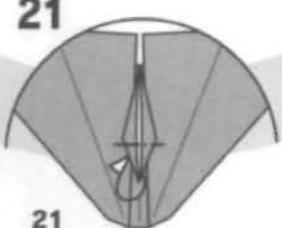
20

反対側も17~19と同じ
Repeat 17~19 on the left.



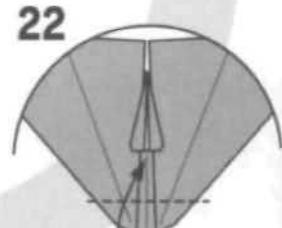
21

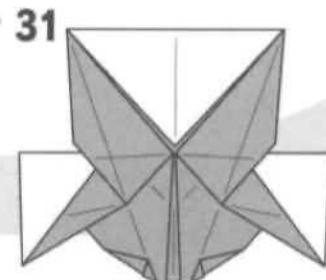
カドを後ろに折る
Mountain fold the bottom corner of the nose.



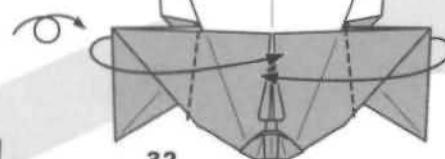
22

カドを上に折る
Fold up the lower jaw.





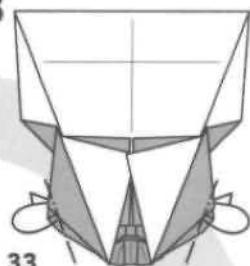
32



32

中心で重なるように折る
Close down so the side corners will overlap at the center.

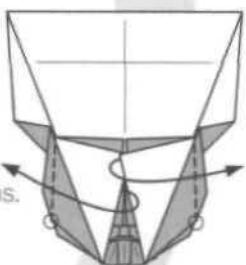
33



33

左右のカドを後ろへ少し折る
Mountain fold the side corners.

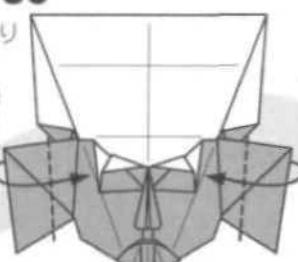
34



34

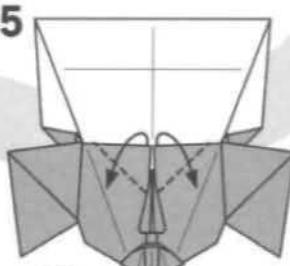
折ったカドの○のところから折る
Open up again starting from the circled intersections.

36



36 線を目のあたりまで折る
Fold the side edges to the edge of the eyes.

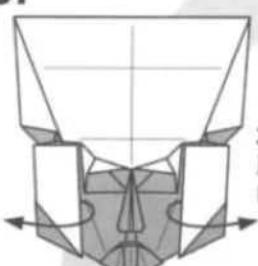
35



35

内側をひろげるよう引き下げて折る
Open the top colored portions of the face.

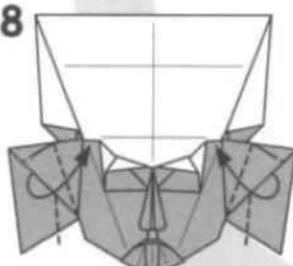
37



37

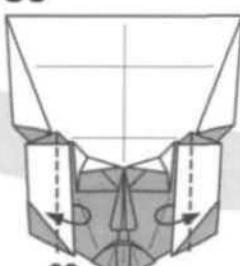
戻す
Unfold.

38



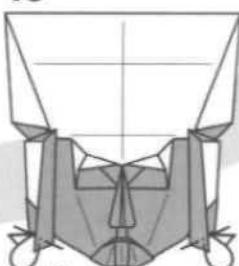
38 内側をひろげて
引き寄せるようにしてつぶす
Open and squash.

39



39 線を少し折る
Valley fold the edges.

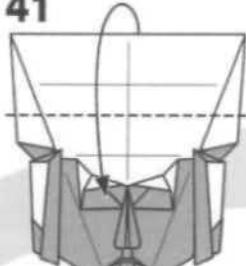
40



40

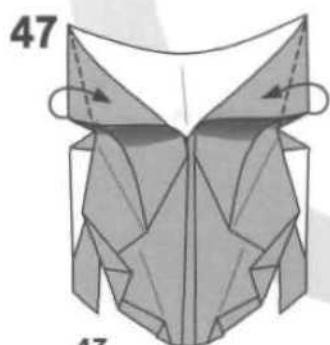
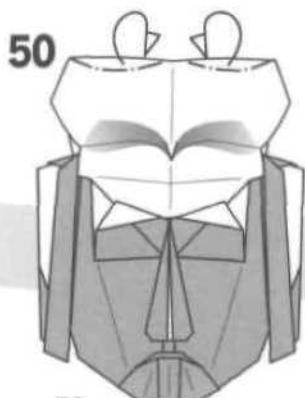
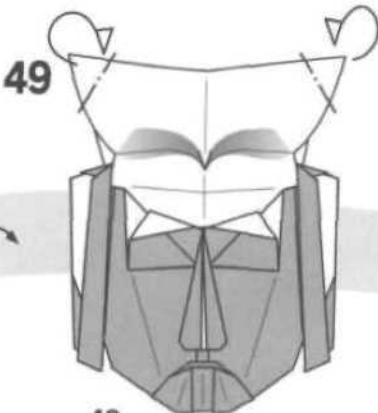
カドを少し後ろに折る
Mountain fold the corners.

41

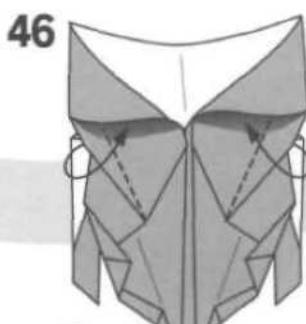


41

目の線の少し上まで下に折る
Fold the top edge to slightly above the bottom edge of the eyes.



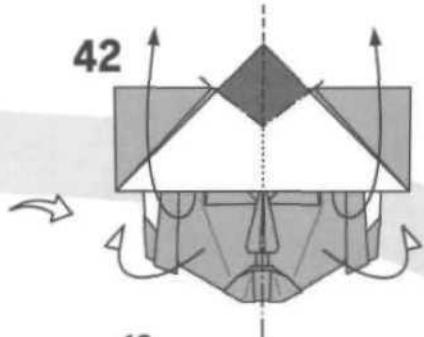
47
起こした部分のカドも
いっしょに折る
Fold the pulled-up
corners as well.



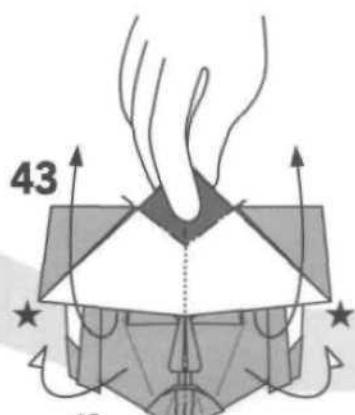
46
ついている折り筋で起こす
Stand up the layers using
the existing crease lines.



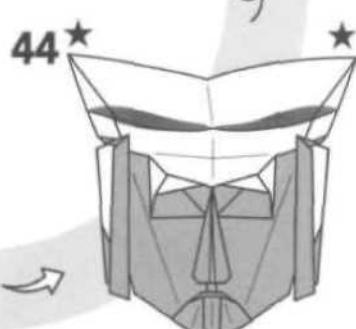
45
つまんだカドを片側に
倒して留める
Lock the corner pinched
in 42 by swiveling.

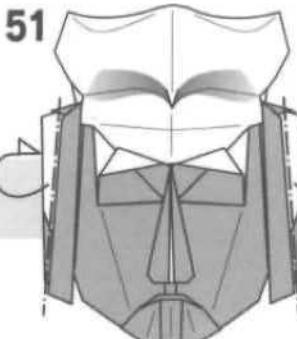


42
■の部分を指でつまむように
折りながら頭の部分を起こす
Pinch the darkened part and
raise the hair...

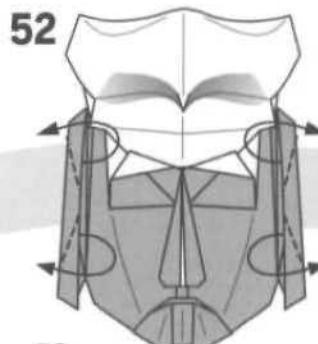


43
途中の図
顔は少し立体的になる
like this.
The face will be
three-dimensional.

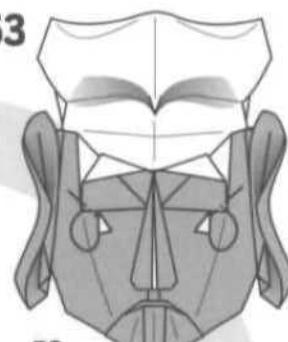




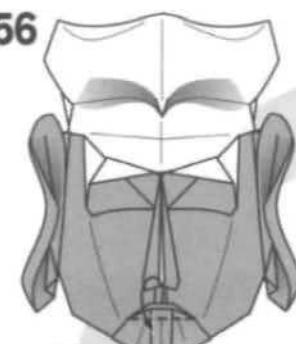
51
縁のところで折る
Mountain fold the edges.



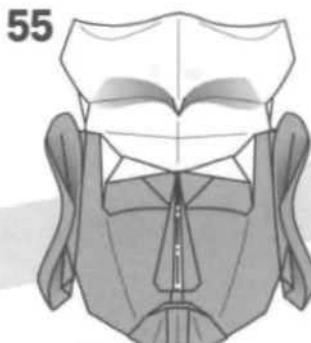
52
耳の上下をひろげるようすに折る
Open and shape the ears.



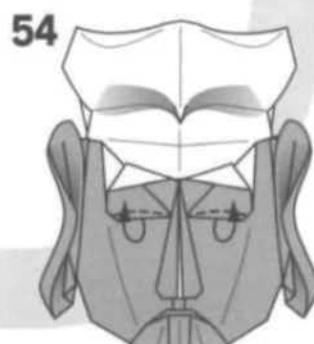
53
カドを少し後ろへ折る
Mountain fold the tips of the corners of the eyes.



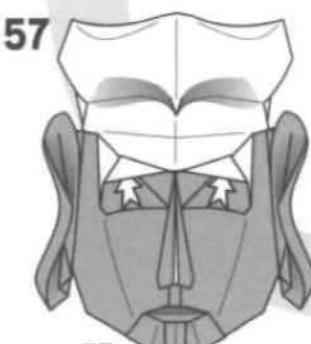
56
唇を軽くひろげて
表情をつける
Open the lips lightly.



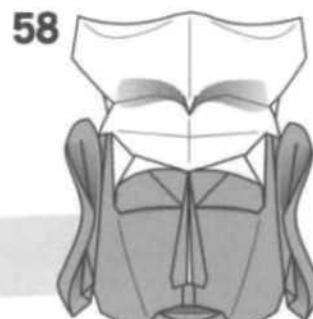
55
鼻を立体的に立てる
Raise the nose.



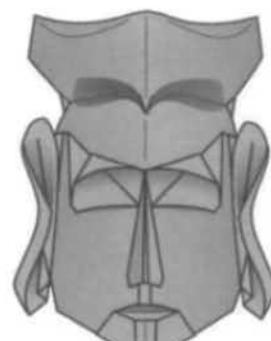
54
かるく折り筋をつけて
目の表情をつける
Shape the eyes giving the crease lines.



57
まゆの部分を
曲面的に仕上げる
Shape the eyebrows.



できあがり
Model Completed



両面同色の紙で
折った図
With a sheet with the same color on both sides.

~ギャラリーおりがみはうすのご案内~

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雑誌「折紙探偵団」は日本折紙学会の機関誌です。隔月刊(奇数月25日発行)で年6回発行されます。
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1. 郵便振替にてご送金下さい(普通の振替用紙でお申込み頂けます)。
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口座名 折紙探偵団

振替口座番号 00180-8-579860



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7. 職業

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表紙フルカラー/本文38ページ
(カラーページ2ページ含む)

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Phone/Fax 03-5684-6080 日本折紙学会ホームページ <http://www.origami.gr.jp/>

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